Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100915\
Data File : BF082160.D
Acq On : 9 Oct 2015 22:46
Operator : UM/IZ
Sample : G3974-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :**

Quant Time: Oct 10 00:13:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 22:47:26 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 82732 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.15 | 136 | 279301 | 20.00 | ng | | 0.01 |
| 38) Acenaphthene-d10 | 9.90 | 164 | 160453 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.41 | 188 | 211567 | 20.00 | ng | | 0.02 |
| 75) Chrysene-d12 | 14.05 | 240 | 186841 | 20.00 | ng | | 0.01 |
| 86) Perylene-d12 | 15.49 | 264 | 186700 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.44 | 112 | 52135 | 11.44 | ng | | 0.00 |
| 7) Phenol-d6 | 6.48 | 99 | 68556 | 11.95 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 7.42 | 82 | 39517 | 9.43 | ng | | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.69 | 330 | 12721 | 7.83 | ng | | -0.01 |
| 44) 2-Fluorobiphenyl | 9.21 | 172 | 74156 | 5.65 | ng | | -0.01 |
| 78) Terphenyl-d14 | 12.97 | 244 | 57488 | 6.28 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 3) Pyridine | 3.17 | 79 | 15571 | 3.02 | ng | # | 18 |
| 9) Benzaldehyde | 6.40 | 77 | 13567 | 3.61 | ng | # | 1 |
| 18) Hexachloroethane | 7.42 | 117 | 273300 | 140.64 | ng | # | 6 |
| 22) Acetophenone | 7.25 | 105 | 12048 | 2.11 | ng | # | 55 |
| 24) Nitrobenzene | 7.47 | 77 | 22097 | 4.86 | ng | # | 1 |
| 26) 2-Nitrophenol | 7.73 | 139 | 5033 | 2.30 | ng | # | 1 |
| 31) Naphthalene | 8.19 | 128 | 6676614 | 539.48 | ng | # | 91 |
| 32) Benzoic acid | 7.94 | 122 | 2911 | 8.42 | ng | # | 1 |
| 33) 4-Chloroaniline | 8.19 | 127 | 1017995 | 190.23 | ng | # | 35 |
| 35) Caprolactam | 8.63 | 113 | 7634 | 7.40 | ng | # | 1 |
| 37) 2-Methylnaphthalene | 8.86 | 142 | 839311 | 99.35 | ng | # | 87 |
| 45) 1,1'-Biphenyl | 9.31 | 154 | 119637 | 9.66 | ng | | 95 |
| 46) 2-Chloronaphthalene | 9.39 | 162 | 81695 | 8.41 | ng | # | 52 |
| 47) 2-Nitroaniline | 9.42 | 65 | 7792 | 2.73 | ng | # | 23 |
| 48) Acenaphthylene | 9.77 | 152 | 1087744 | 69.92 | ng | # | 93 |
| 49) Dimethylphthalate | 9.62 | 163 | 34947 | 3.16 | ng | # | 77 |
| 50) 2,6-Dinitrotoluene | 9.60 | 165 | 25601 | 10.65 | ng | | 93 |
| 51) Acenaphthene | 9.94 | 154 | 1037289 | 112.29 | ng | # | 85 |
| 53) 2,4-Dinitrophenol | 10.05 | 184 | 257 | Below Cal | | # | 1 |
| 54) Dibenzofuran | 10.11 | 168 | 768892 | 58.89 | ng | | 96 |
| 55) 4-Nitrophenol | 10.00 | 139 | 9751 | 4.85 | ng | | 85 |
| 56) 2,4-Dinitrotoluene | 10.08 | 165 | 41797 | 13.64 | ng | # | 52 |
| 57) Fluorene | 10.47 | 166 | 2348336 | 261.79 | ng | | 89 |
| 65) n-Nitrosodiphenylamine | 10.50 | 169 | 31634 | 4.94 | ng | # | 1 |
| 70) Phenanthrene | 11.45 | 178 | 6670851 | 678.65 | ng | # | 89 |
| 71) Anthracene | 11.50 | 178 | 2483448 | 230.95 | ng | # | 92 |
| 72) Carbazole | 11.63 | 167 | 329953 | 33.90 | ng | | 95 |
| 73) Di-n-butylphthalate | 12.02 | 149 | 10312 | Below Cal | | # | 1 |
| 74) Fluoranthene | 12.63 | 202 | 3377610 | 298.02 | ng | | 90 |
| 77) Pyrene | 12.87 | 202 | 4194077 | 375.75 | ng | # | 90 |
| 80) Benzo(a)anthracene | 14.04 | 228 | 1897330 | 188.58 | ng | # | 88 |
| 82) Chrysene | 14.07 | 228 | 1166522 | Below Cal | | # | 91 |
| 85) Indeno(1,2,3-cd)pyrene | 16.92 | 276 | 538326 | 68.40 | ng | # | 84 |
| 87) Benzo(b)fluoranthene | 15.08 | 252 | 1598596 | 149.97 | ng | # | 88 |

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100915\
Data File : BF082160.D
Acq On : 9 Oct 2015 22:46
Operator : UM/IZ
Sample : G3974-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :**

Quant Time: Oct 10 00:13:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 22:47:26 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 88) Benzo(k)fluoranthene | 15.08 | 252 | 1598596 | 163.63 | ng | # | 89 |
| 89) Benzo(a)pyrene | 15.43 | 252 | 953705 | 103.15 | ng | # | 86 |
| 90) Dibenzo(a,h)anthracene | 16.92 | 278 | 128607 | 16.58 | ng | # | 64 |
| 91) Benzo(g,h,i)perylene | 17.35 | 276 | 499075 | 62.78 | ng | # | 75 |

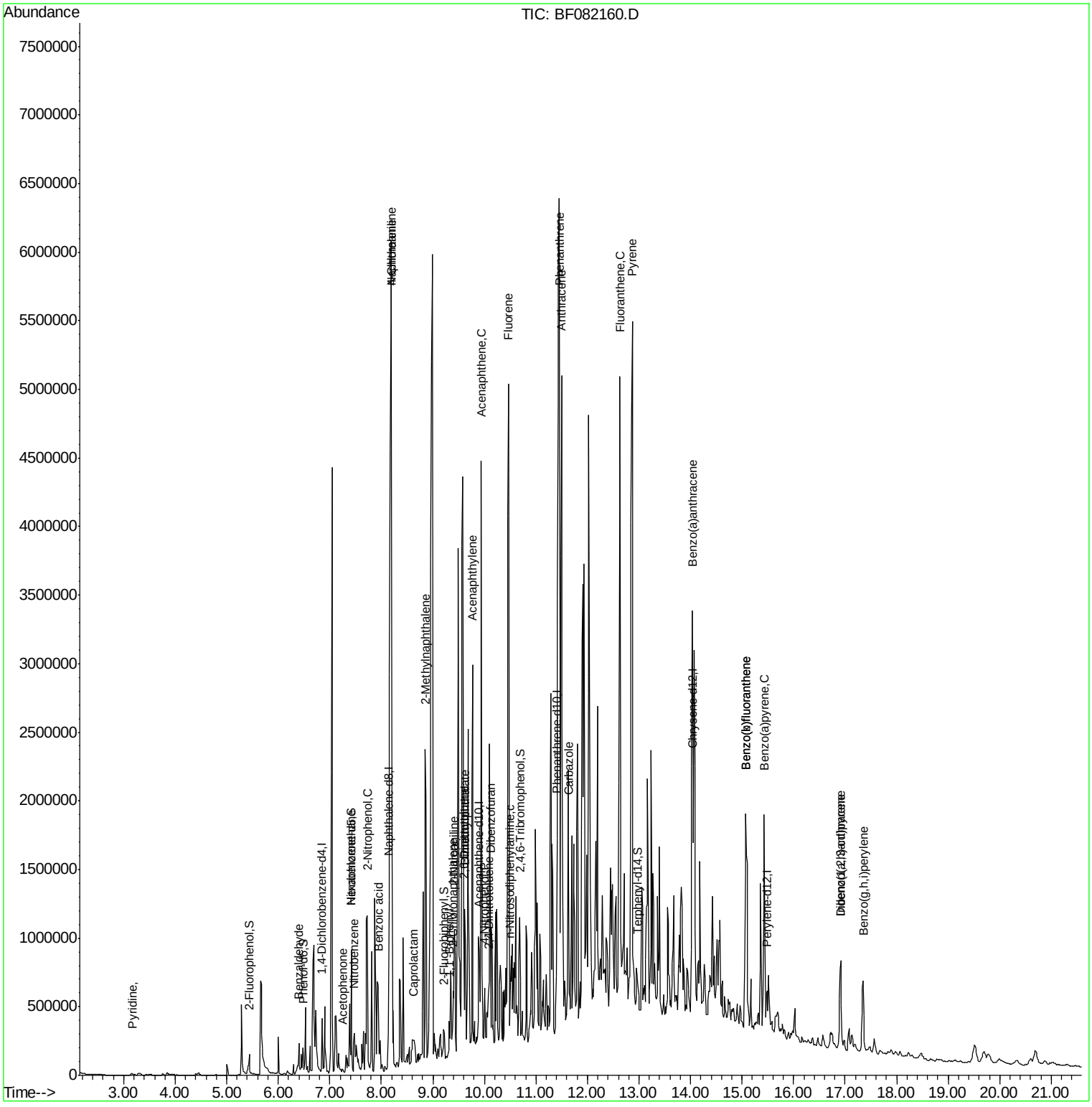
(#) = qualifier out of range (m) = manual integration (+) = signals summed

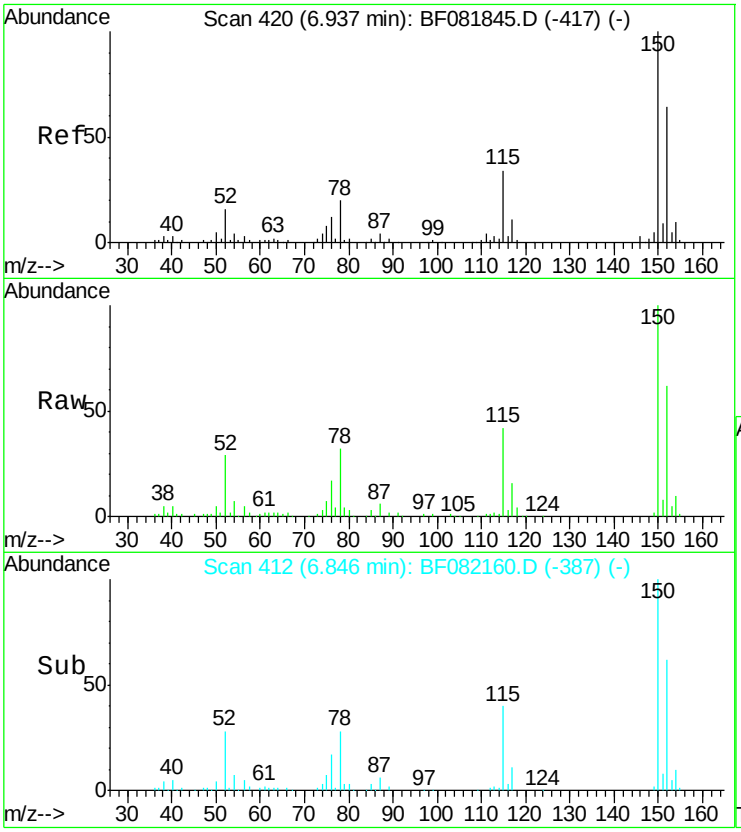
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100915\
Data File : BF082160.D
Acq On : 9 Oct 2015 22:46
Operator : UM/IZ
Sample : G3974-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**

Quant Time: Oct 10 00:13:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 22:47:26 2015
Response via : Initial Calibration



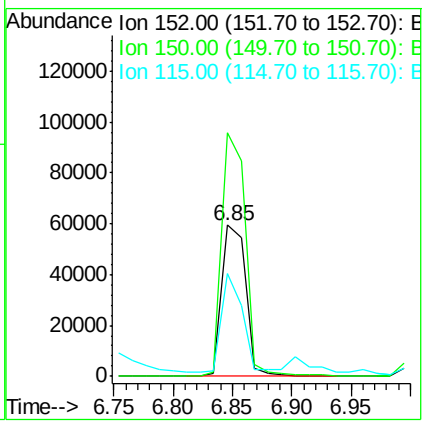


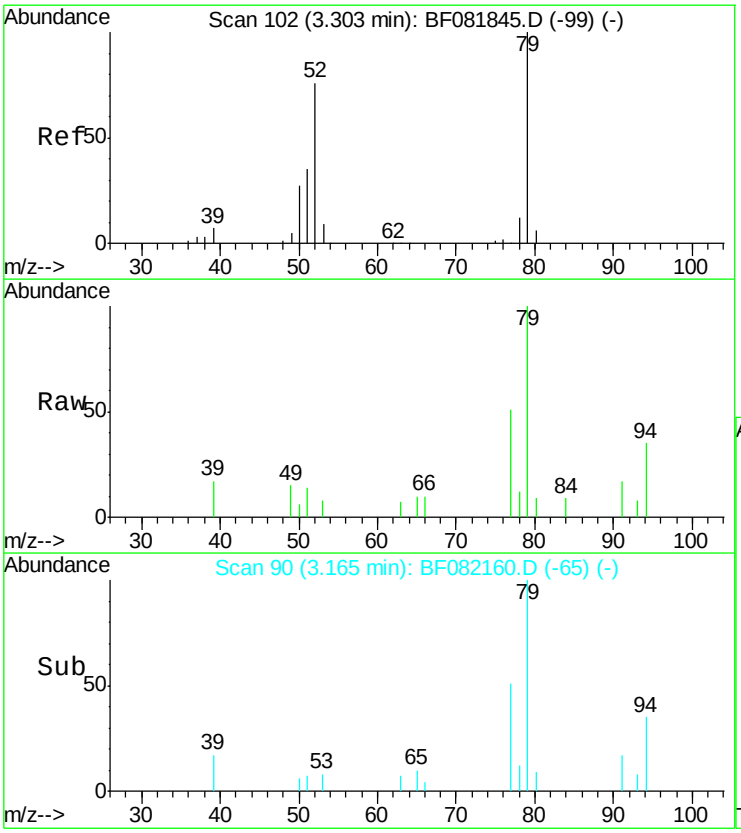

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:152 Resp: 82732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 161.4 | 124.7 | 187.1 |
| 115 | 68.4 | 39.0 | 58.4# |

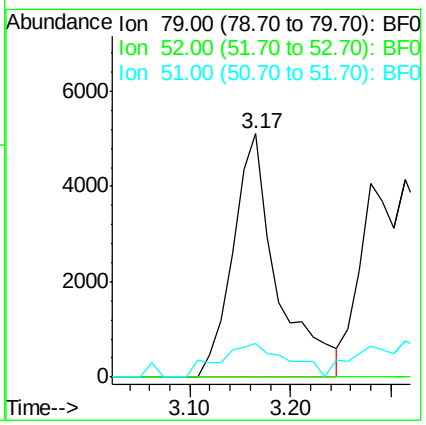


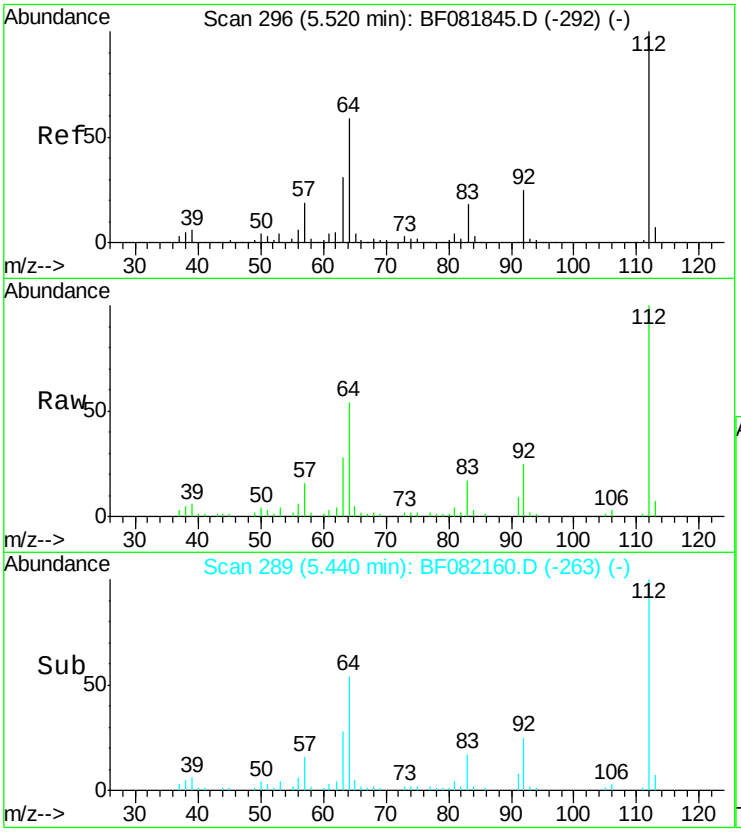




#3
Pyridine
Concen: 3.02 ng
RT: 3.17 min Scan# 90
Delta R.T. -0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion: 79 Resp: 15571

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 52 | 0.0 | 76.8 | 115.2# |
| 51 | 13.7 | 32.2 | 48.4# |



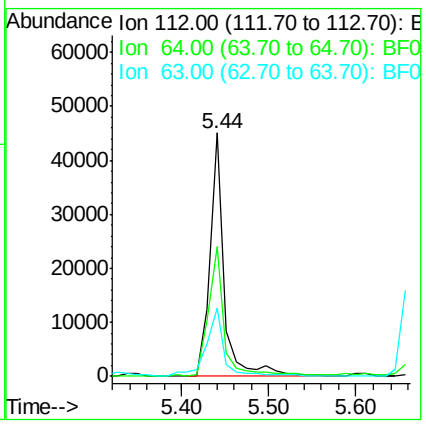


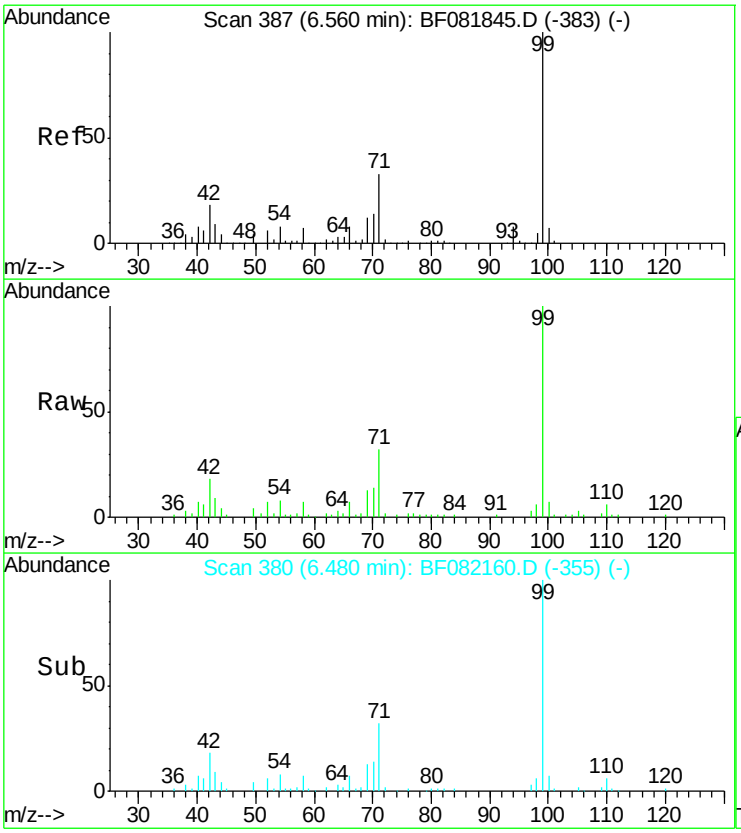

#5
2-Fluorophenol
Concen: 11.44 ng
RT: 5.44 min Scan# 289
Delta R.T. -0.00 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:112 Resp: 52135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.5 | 39.7 | 59.5 |
| 63 | 28.1 | 17.4 | 26.0# |

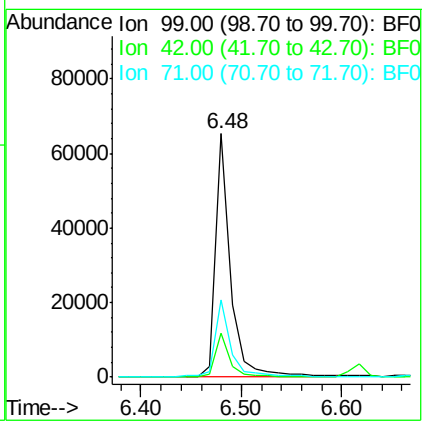


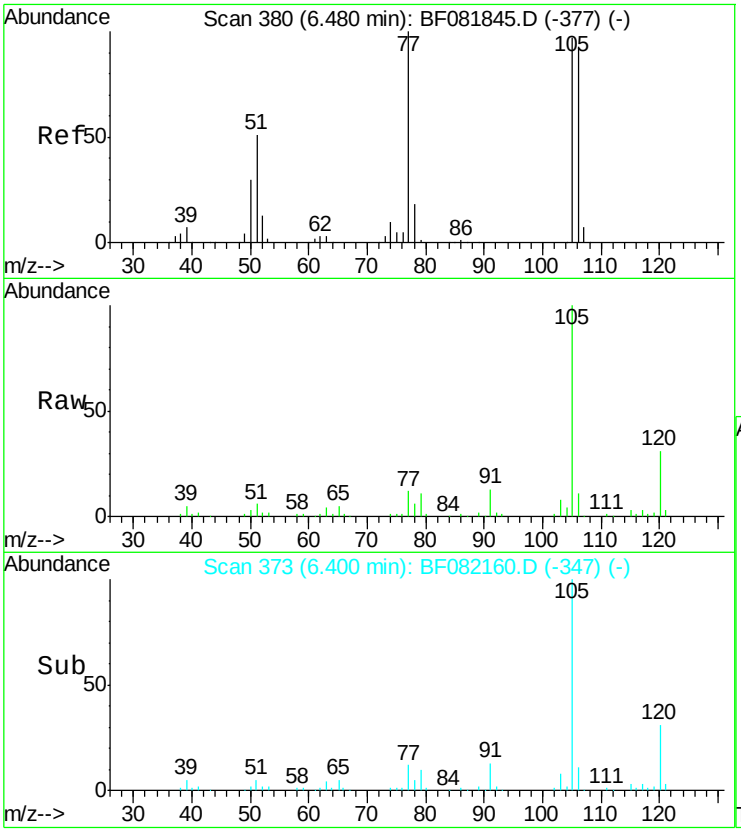




#7
Phenol-d6
Concen: 11.95 ng
RT: 6.48 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion: 99 Resp: 68556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.9 | 13.7 | 20.5 |
| 71 | 31.7 | 14.2 | 21.2# |



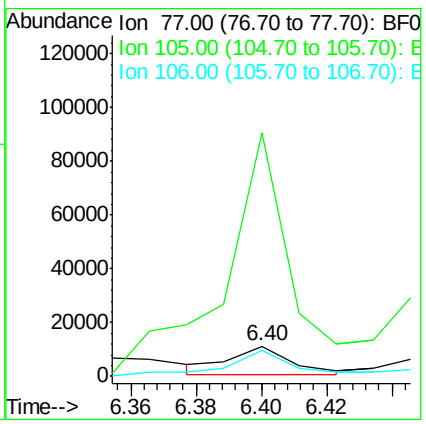


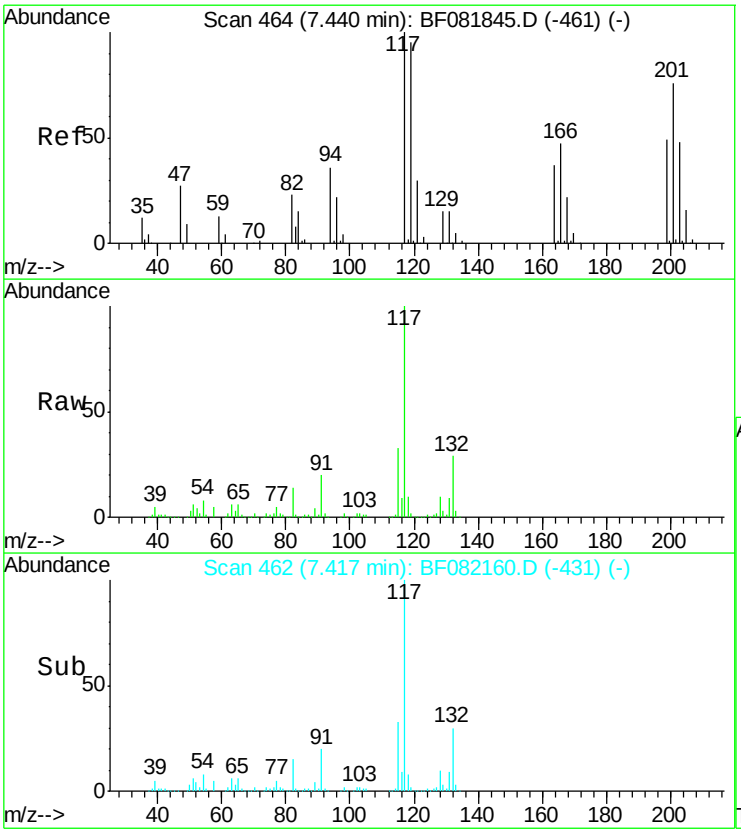

#9
Benzaldehyde
Concen: 3.61 ng
RT: 6.40 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 77 Resp: 13567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 802.8 | 91.6 | 131.6# |
| 106 | 84.9 | 102.6 | 142.6# |

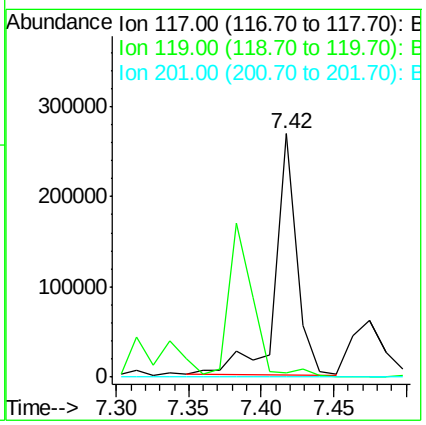


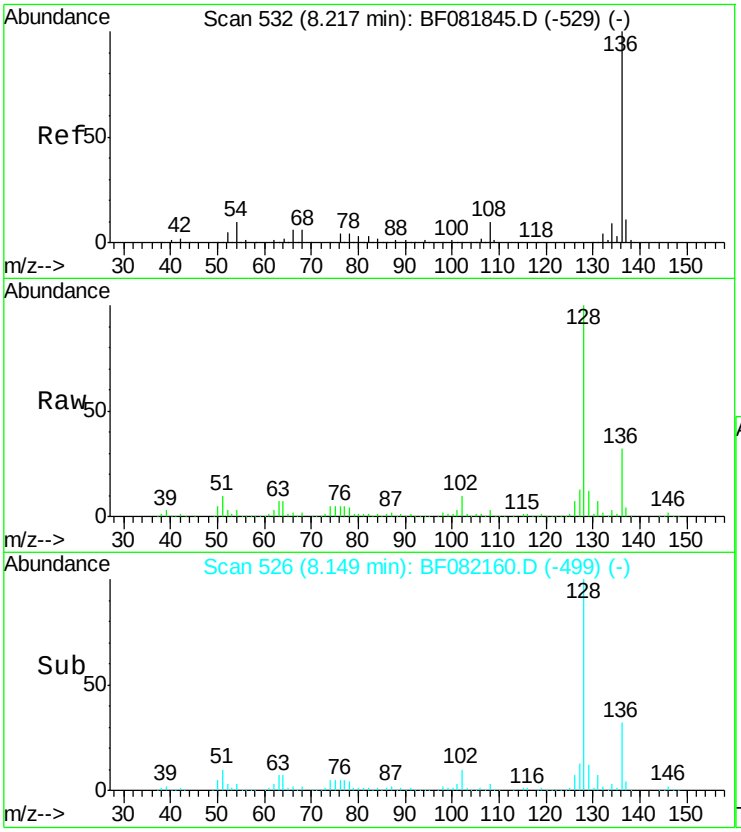




#18
Hexachloroethane
Concen: 140.64 ng
RT: 7.42 min Scan# 462
Delta R.T. 0.06 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:117 Resp: 273300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 1.6 | 83.8 | 125.6# |
| 201 | 0.0 | 55.1 | 82.7# |



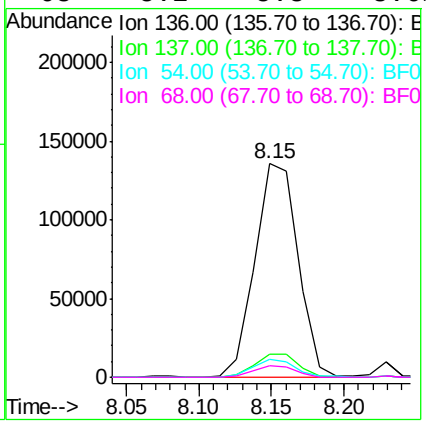


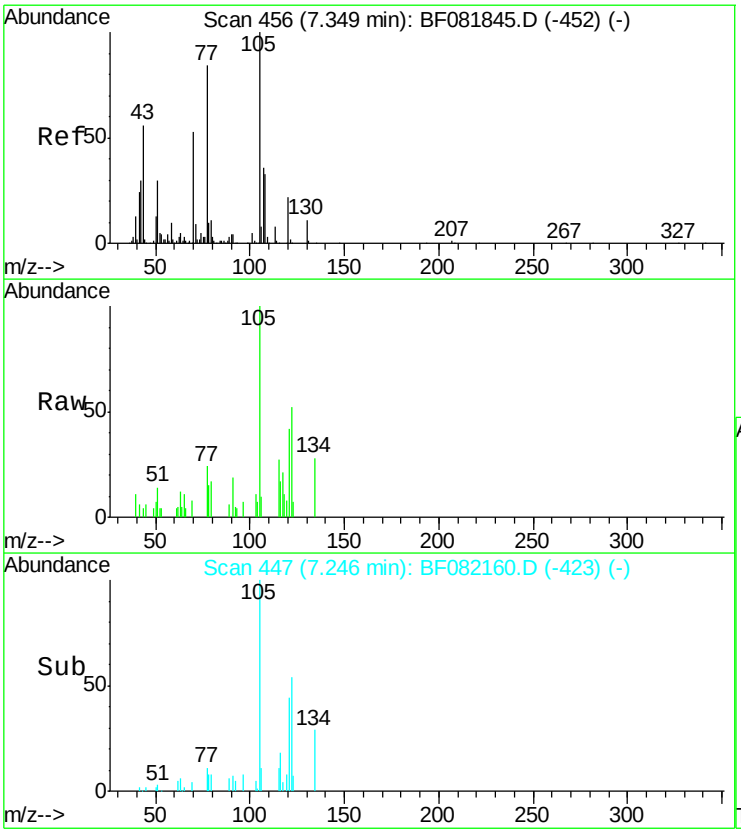

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:136 Resp: 279301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 9.0 | 13.6 |
| 54 | 8.6 | 8.2 | 12.2 |
| 68 | 5.2 | 5.8 | 8.6# |

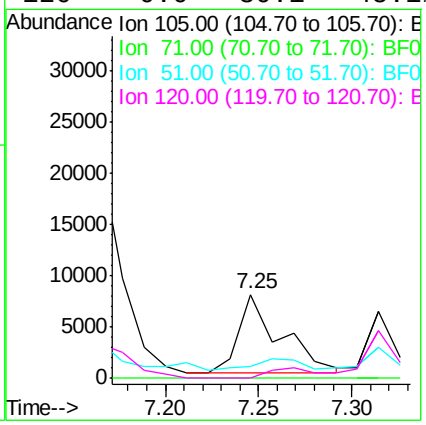


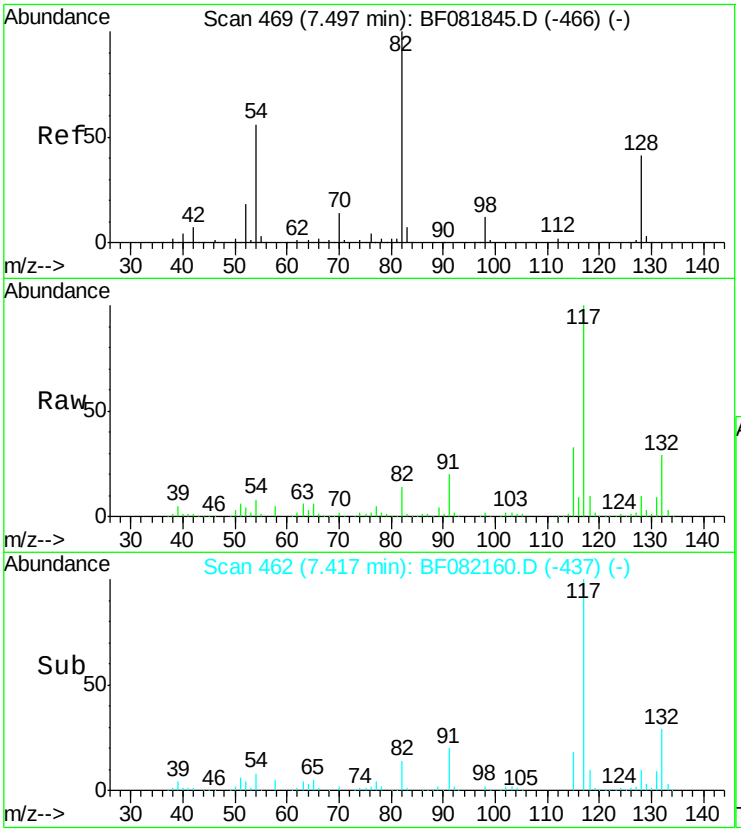




#22
Acetophenone
Concen: 2.11 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:105 Resp: 12048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 105 | 100 | | |
| 71 | 0.0 | 4.7 | 7.1# |
| 51 | 13.8 | 22.0 | 33.0# |
| 120 | 0.0 | 30.1 | 45.1# |



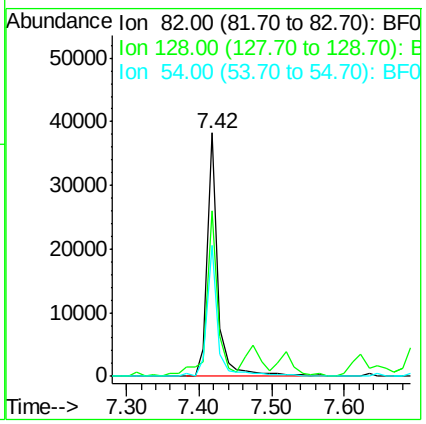


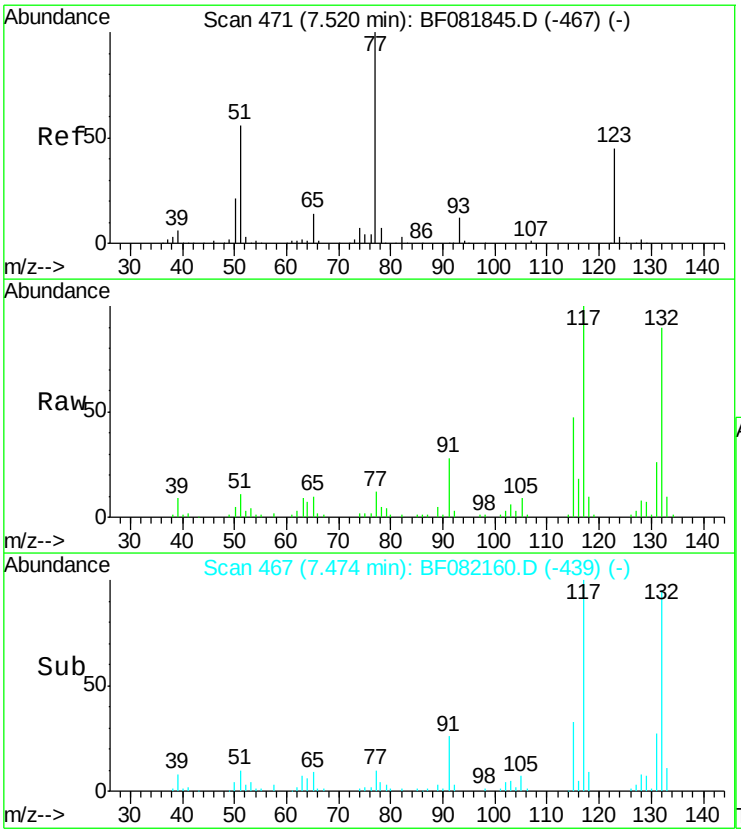

#23
Nitrobenzene-d5
Concen: 9.43 ng
RT: 7.42 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 82 Resp: 39517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 67.9 | 51.0 | 76.6 |
| 54 | 53.9 | 47.5 | 71.3 |

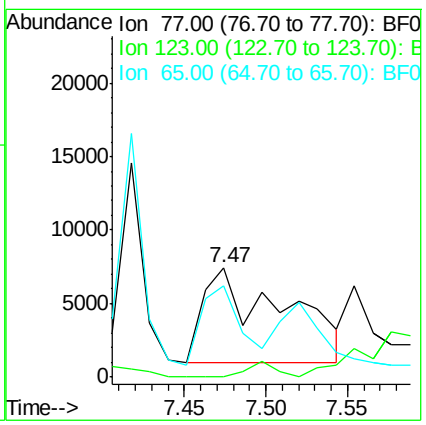


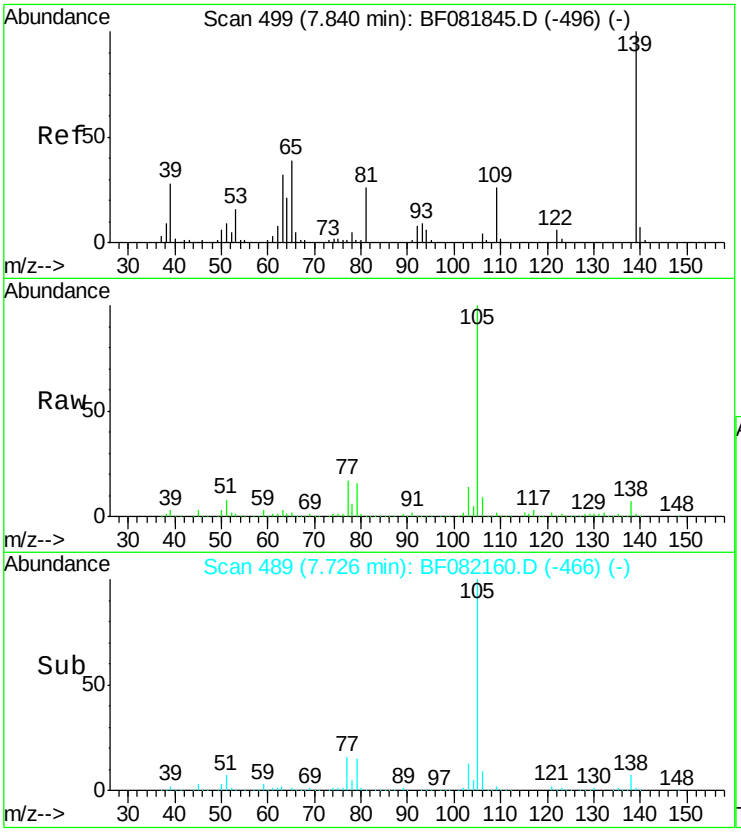




#24
Nitrobenzene
Concen: 4.86 ng
RT: 7.47 min Scan# 467
Delta R.T. 0.02 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion: 77 Resp: 22097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 59.8 | 89.8# |
| 65 | 83.5 | 10.2 | 15.4# |



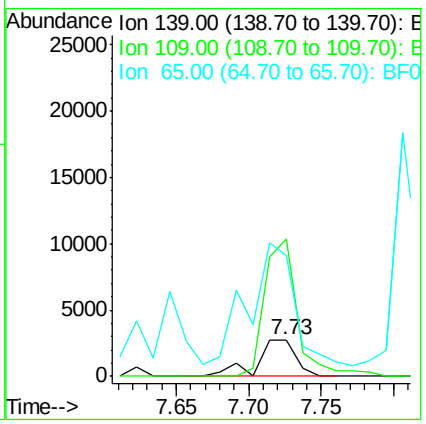


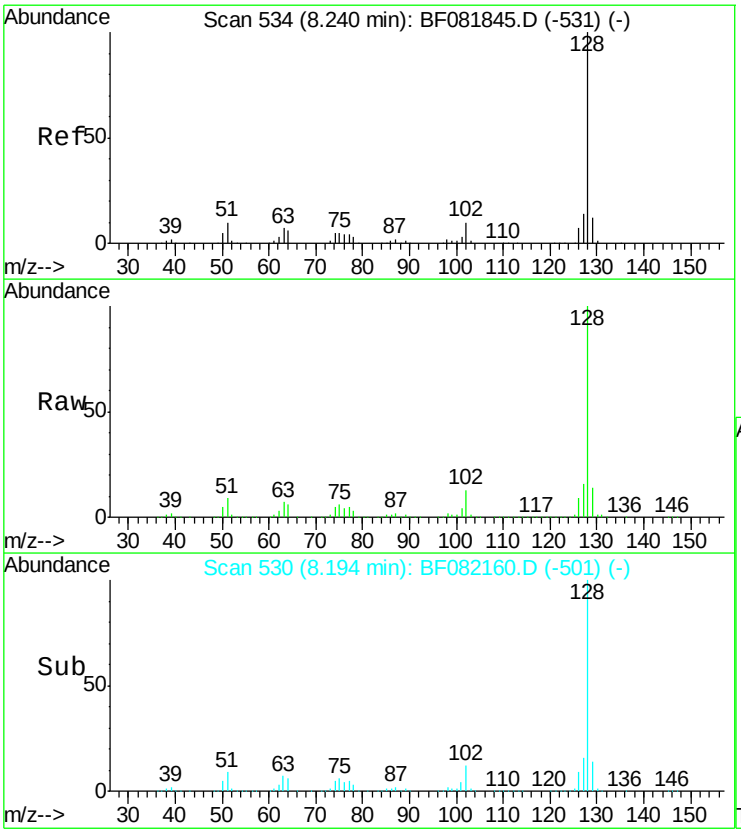

#26
2-Nitrophenol
Concen: 2.30 ng
RT: 7.73 min Scan# 489
Delta R.T. -0.03 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:139 Resp: 5033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 374.2 | 11.0 | 16.4# |
| 65 | 331.3 | 24.7 | 37.1# |

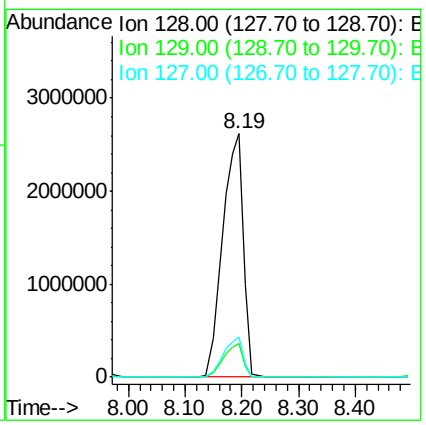


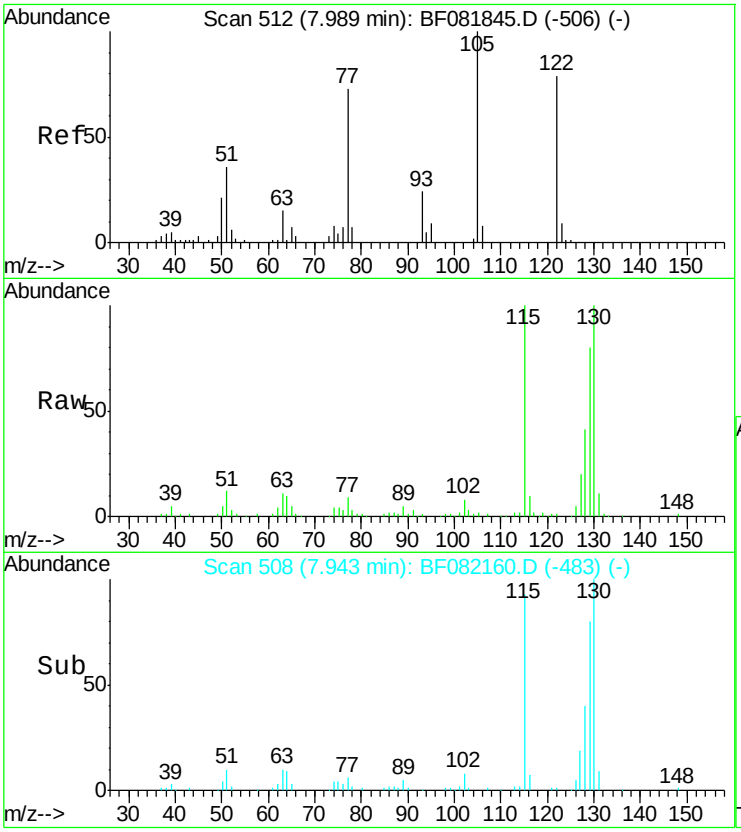




#31
Naphthalene
Concen: 539.48 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.03 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:128 Resp: 6676614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 13.6 | 8.4 | 12.6# |
| 127 | 16.3 | 9.9 | 14.9# |



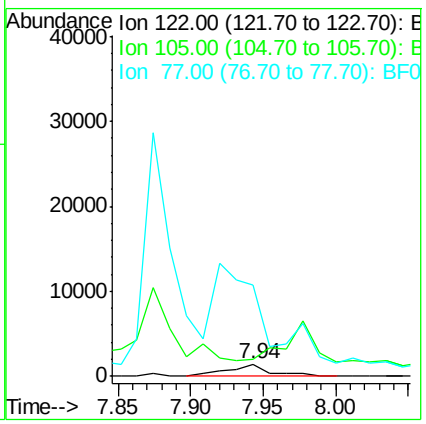


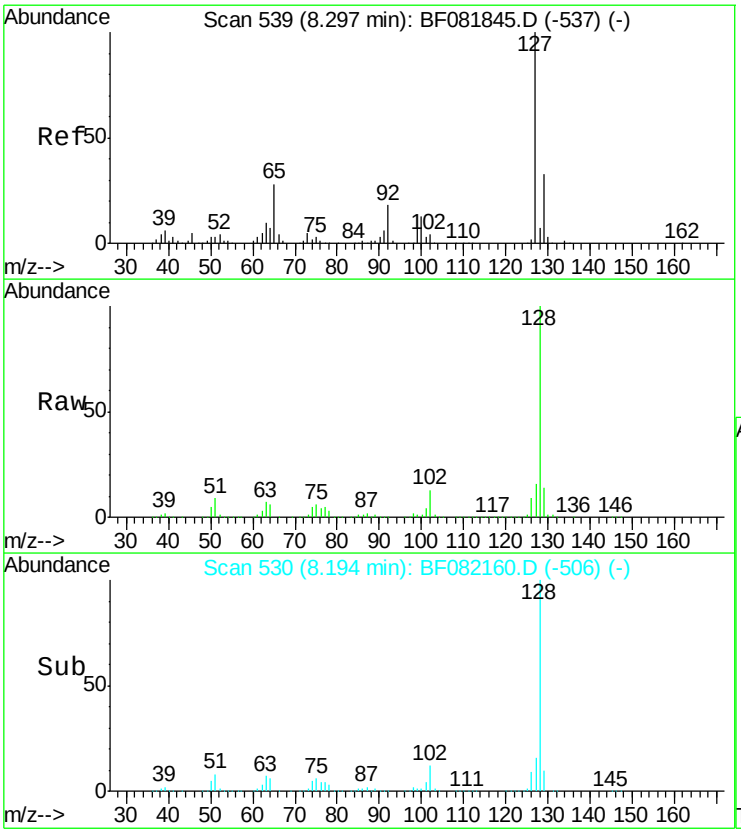

#32
Benzoic acid
Concen: 8.42 ng
RT: 7.94 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:122 Resp: 2911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 145.9 | 76.1 | 116.1# |
| 77 | 765.4 | 40.5 | 80.5# |

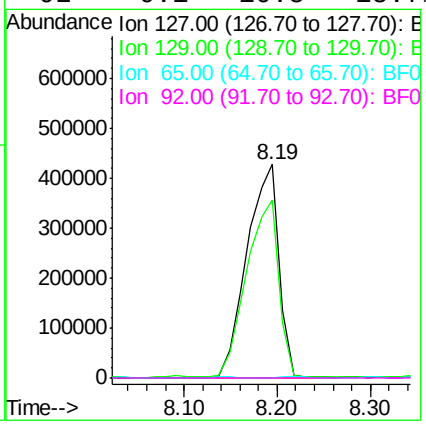


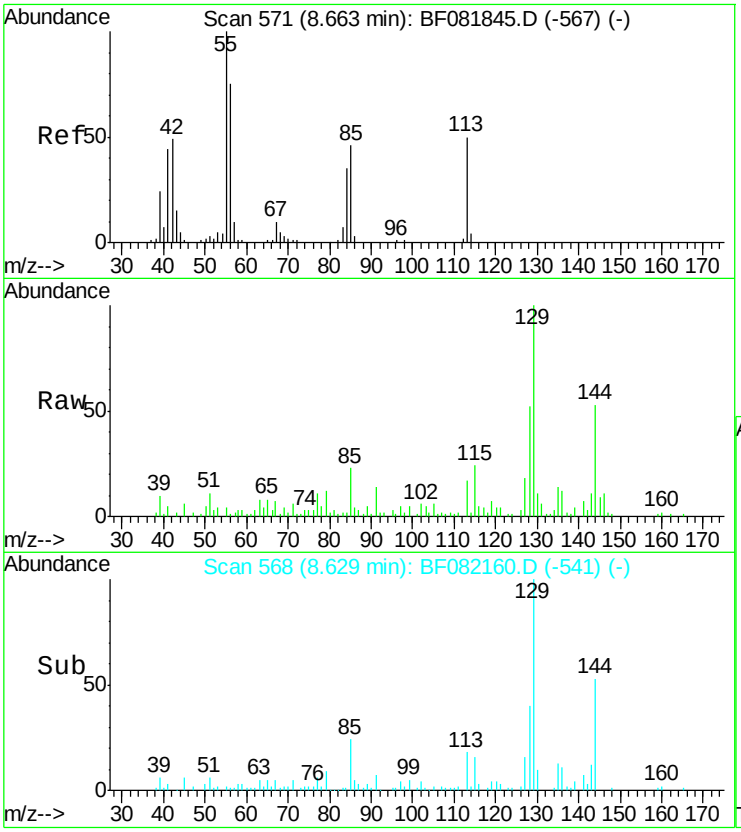




#33
4-Chloroaniline
Concen: 190.23 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:127 Resp: 1017995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 127 | 100 | | |
| 129 | 83.5 | 25.8 | 38.6# |
| 65 | 0.0 | 17.9 | 26.9# |
| 92 | 0.1 | 10.5 | 15.7# |



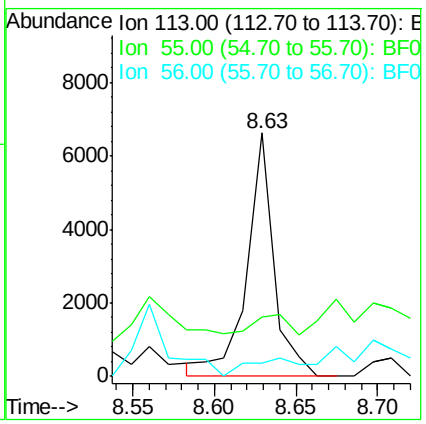


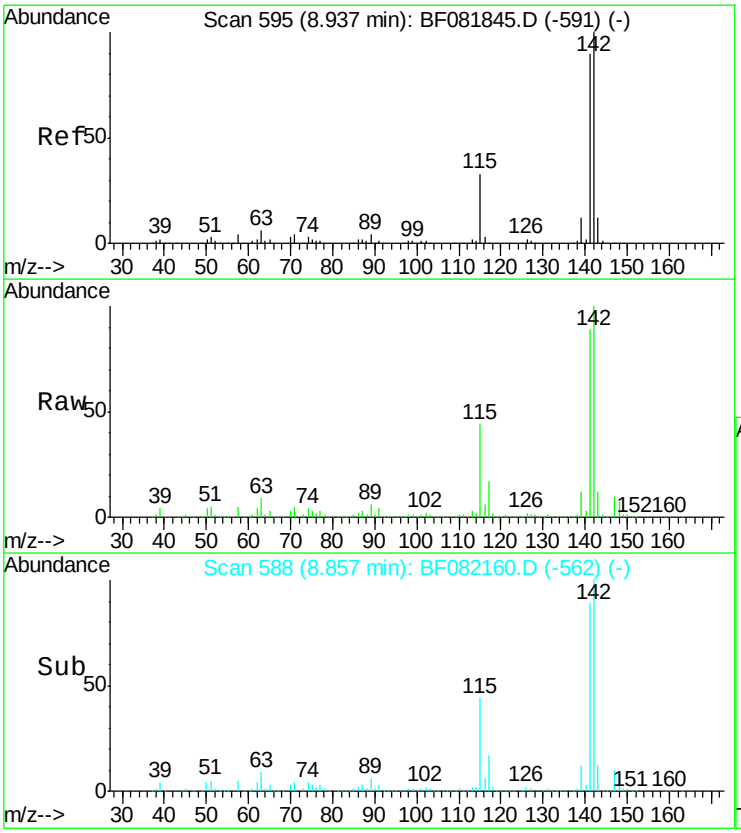

#35
Caprolactam
Concen: 7.40 ng
RT: 8.63 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:113 Resp: 7634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 113 | 100 | | |
| 55 | 24.4 | 152.4 | 192.4# |
| 56 | 5.6 | 104.6 | 144.6# |

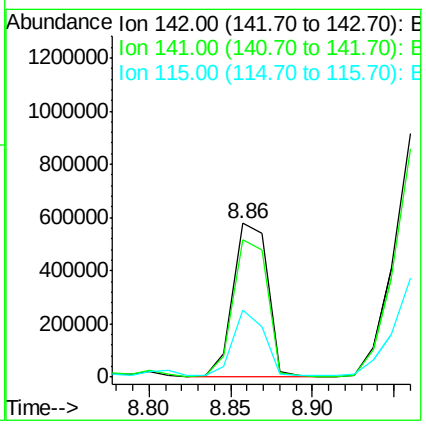


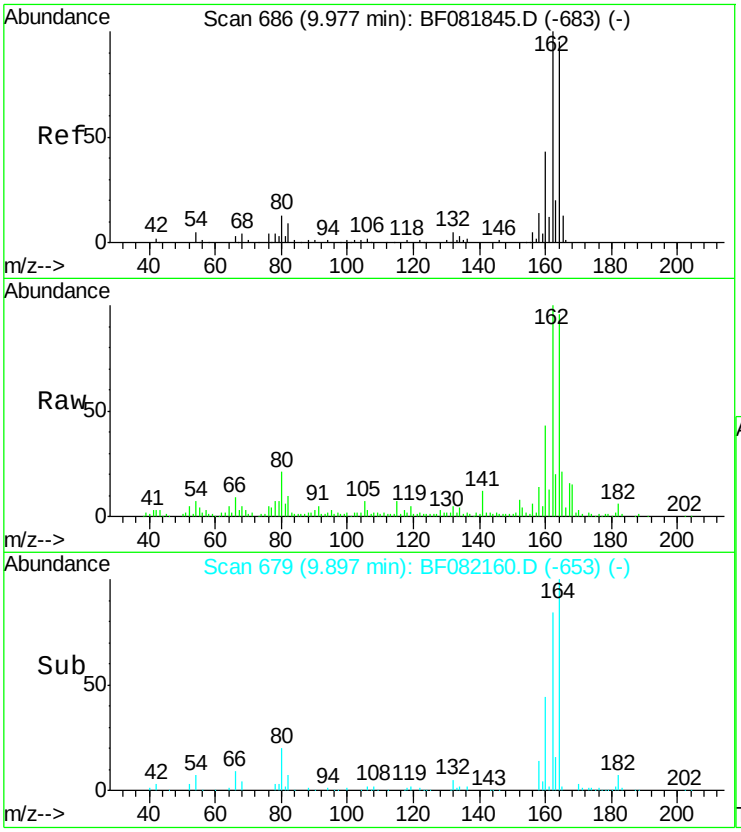




#37
2-Methylnaphthalene
Concen: 99.35 ng
RT: 8.86 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:142 Resp: 839311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.2 | 67.5 | 101.3 |
| 115 | 43.9 | 18.2 | 27.2# |



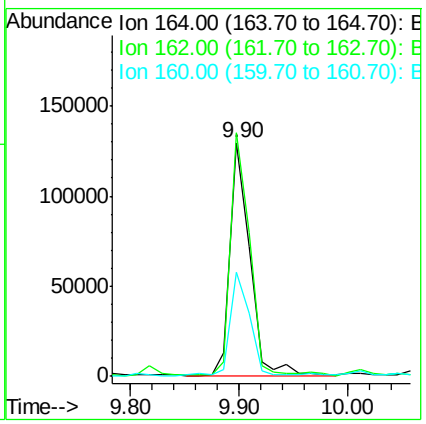


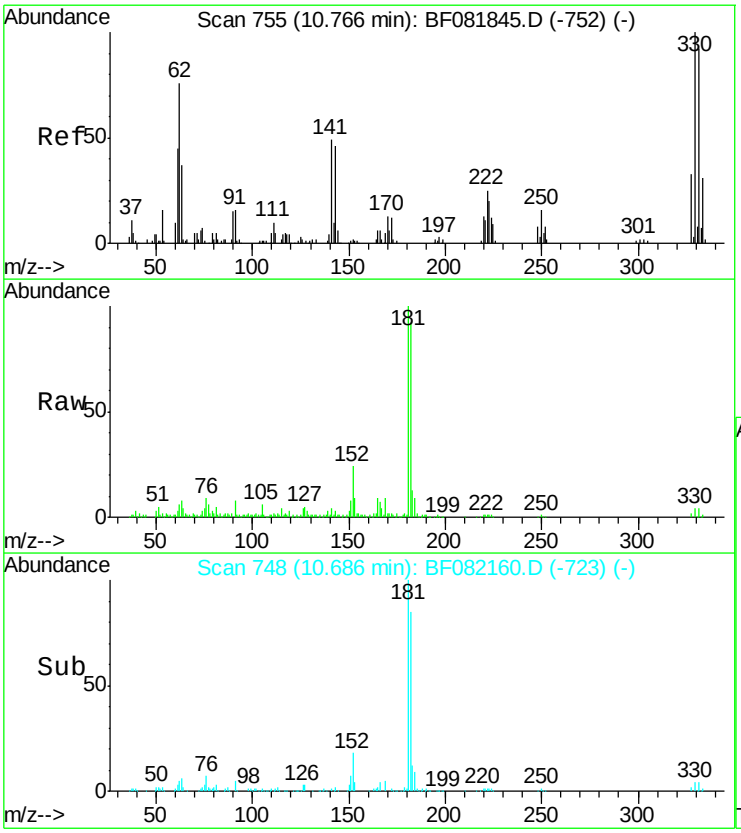

#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:164 Resp: 160453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.2 | 75.2 | 112.8 |
| 160 | 44.3 | 31.5 | 47.3 |

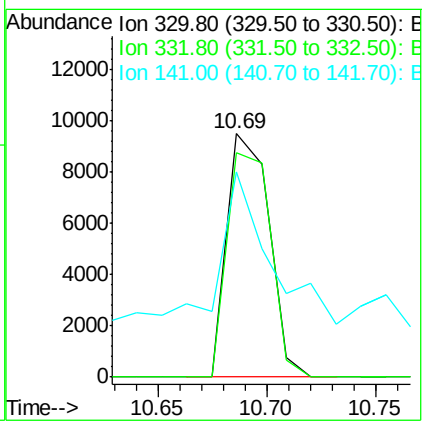


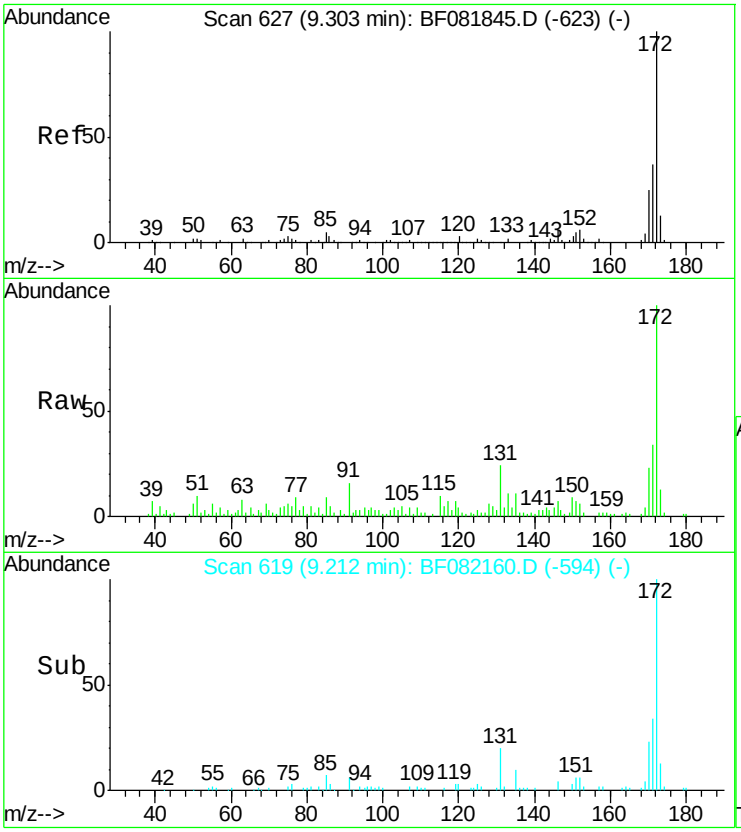




#41
2,4,6-Tribromophenol
Concen: 7.83 ng
RT: 10.69 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:330 Resp: 12721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.0 | 76.6 | 114.8 |
| 141 | 70.6 | 29.7 | 44.5# |



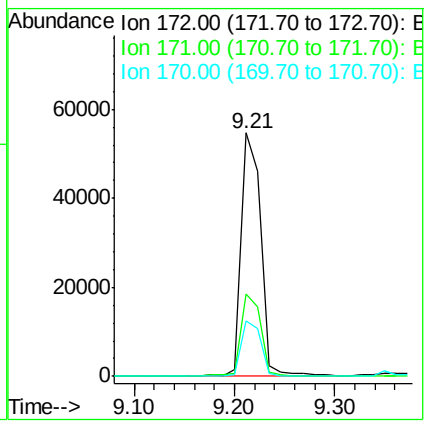


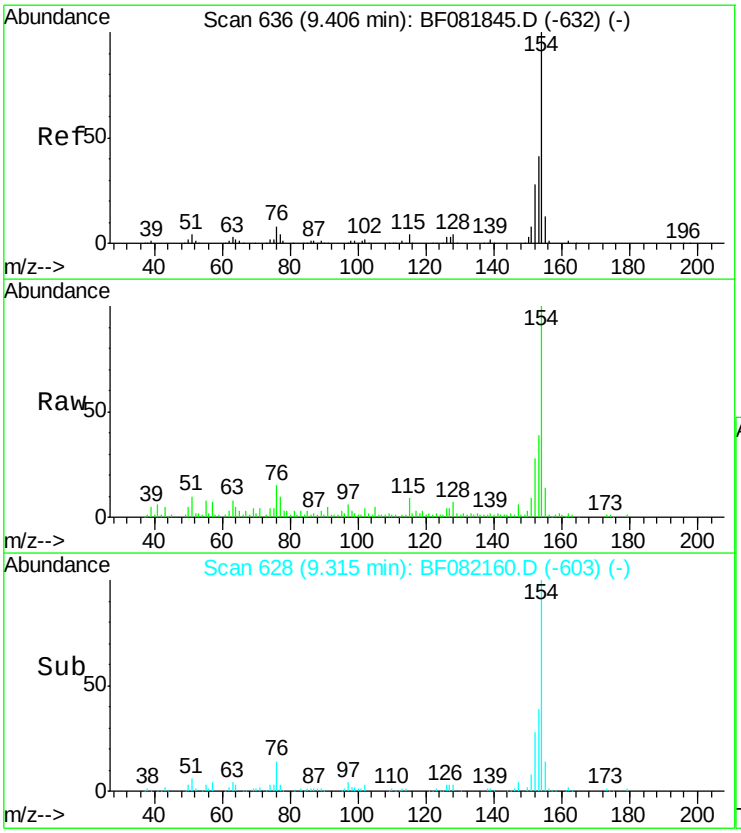

#44
2-Fluorobiphenyl
Concen: 5.65 ng
RT: 9.21 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:172 Resp: 74156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.7 | 26.1 | 39.1 |
| 170 | 22.5 | 17.4 | 26.2 |

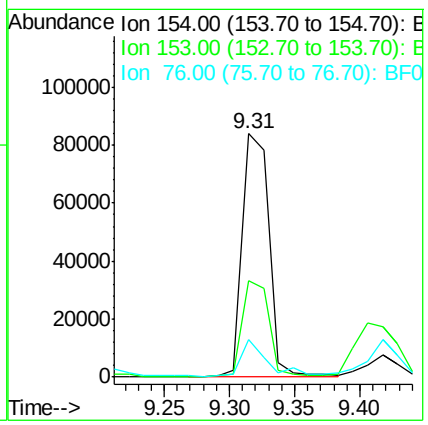


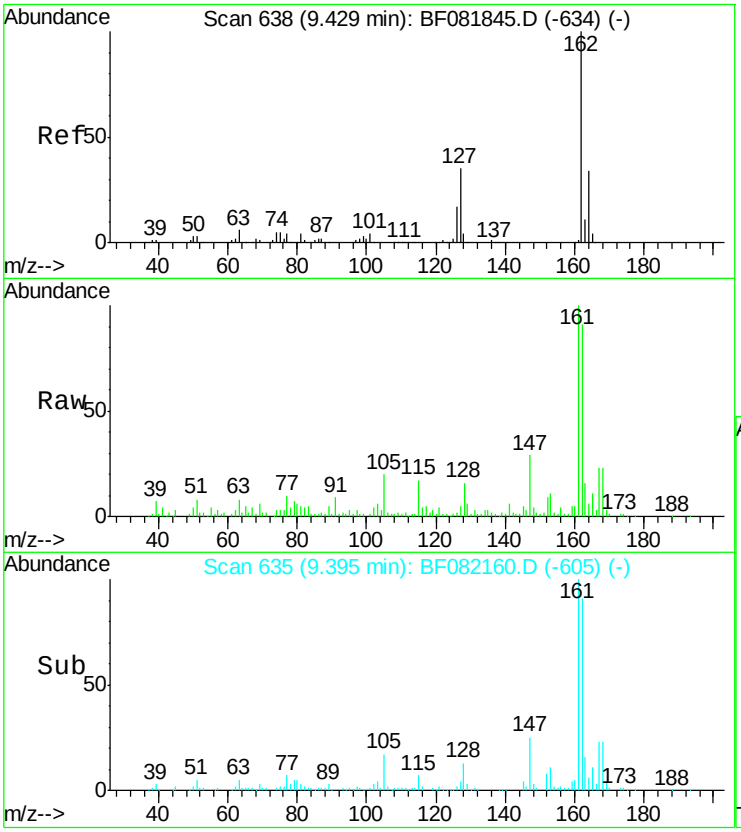




#45
1,1'-Biphenyl
Concen: 9.66 ng
RT: 9.31 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:154 Resp: 119637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 39.5 | 17.1 | 57.1 |
| 76 | 15.2 | 0.0 | 31.6 |



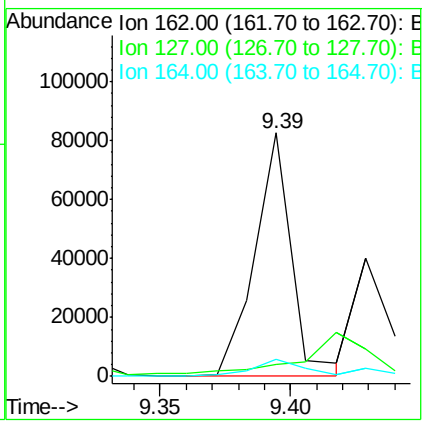


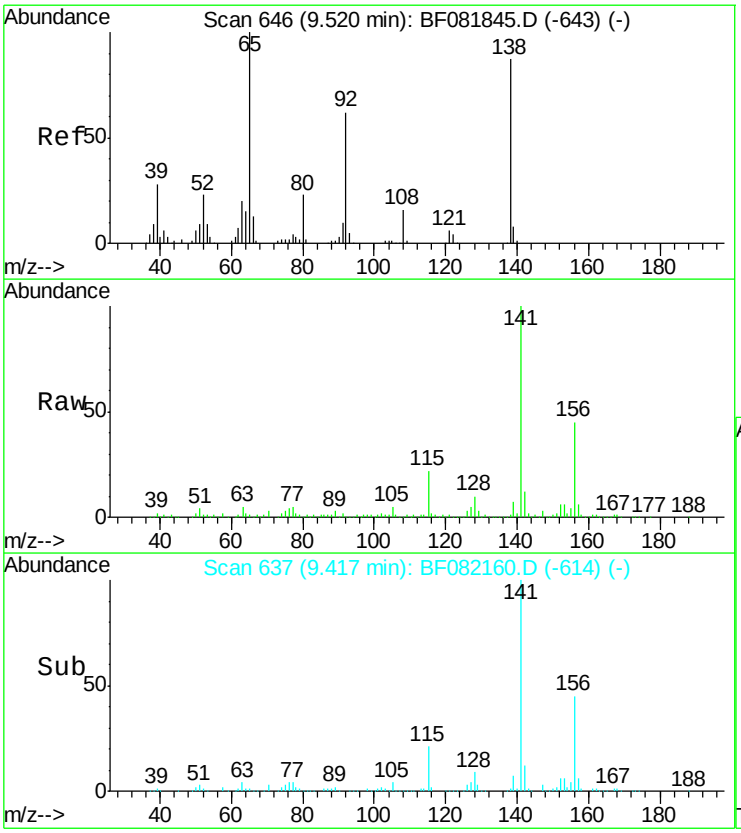

#46
2-Chloronaphthalene
Concen: 8.41 ng
RT: 9.39 min Scan# 635
Delta R.T. 0.05 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:162 Resp: 81695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 127 | 5.2 | 27.6 | 41.4# |
| 164 | 6.9 | 25.4 | 38.2# |

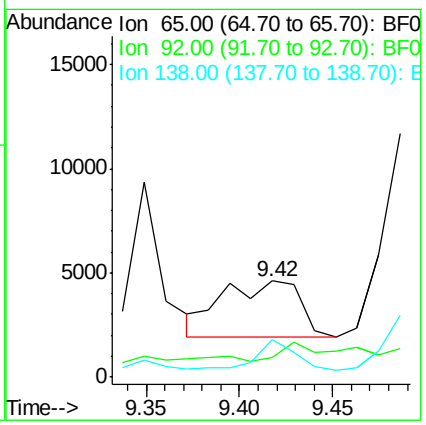


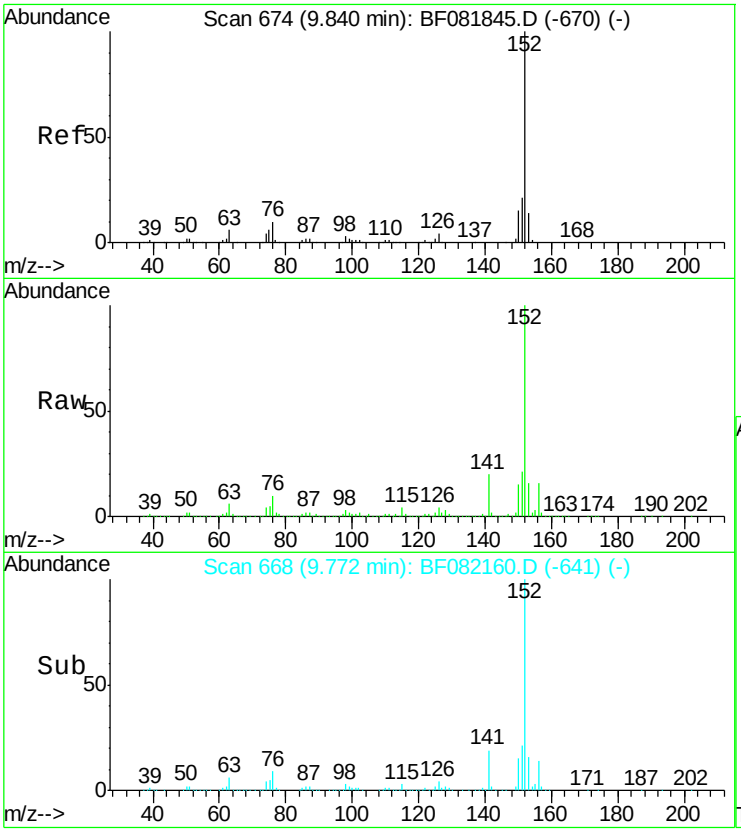




#47
2-Nitroaniline
Concen: 2.73 ng
RT: 9.42 min Scan# 637
Delta R.T. -0.03 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion: 65 Resp: 7792

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 19.8 | 55.4 | 83.0# |
| 138 | 38.6 | 115.5 | 173.3# |



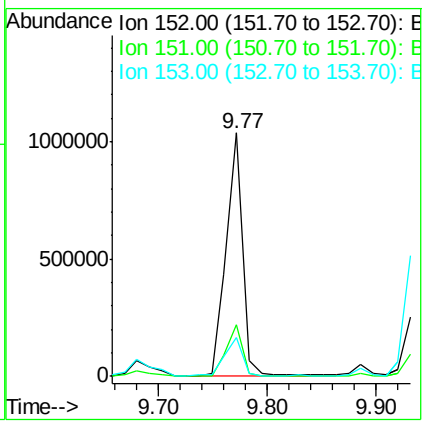


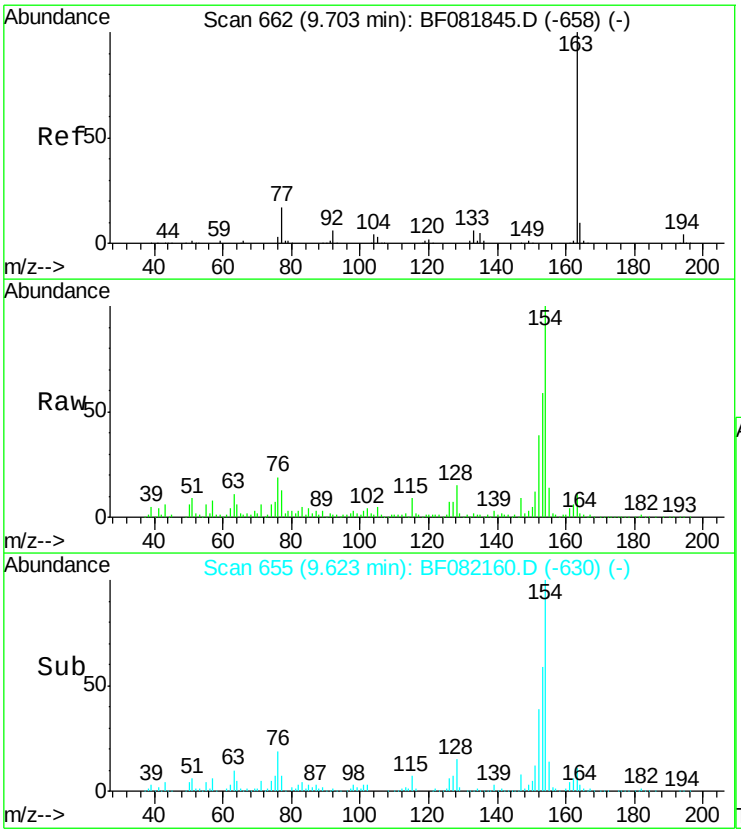

#48
Acenaphthylene
Concen: 69.92 ng
RT: 9.77 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:152 Resp: 1087744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.3 | 14.6 | 22.0 |
| 153 | 16.0 | 10.3 | 15.5# |

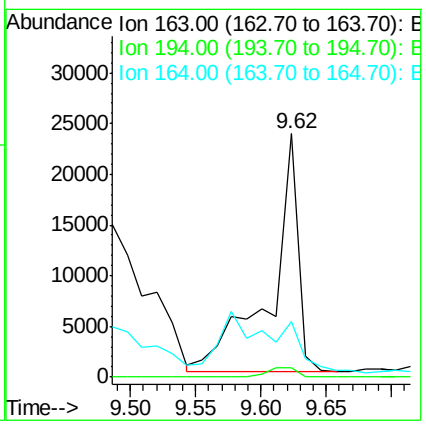


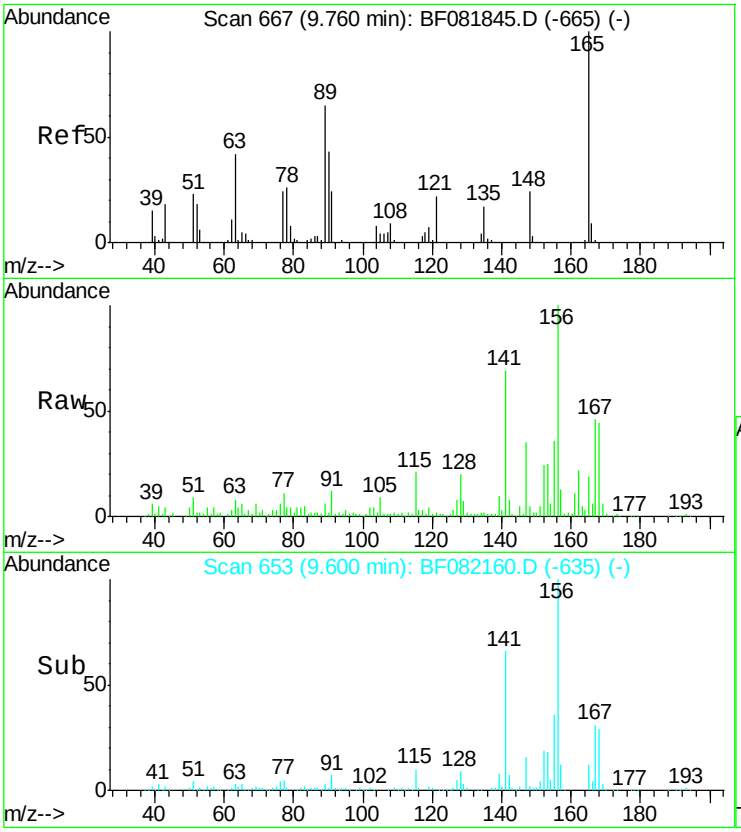




#49
Dimethylphthalate
Concen: 3.16 ng
RT: 9.62 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:163 Resp: 34947

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 4.4 | 6.6# |
| 164 | 22.8 | 8.3 | 12.5# |



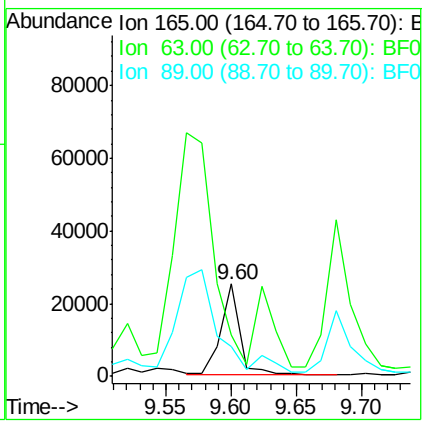


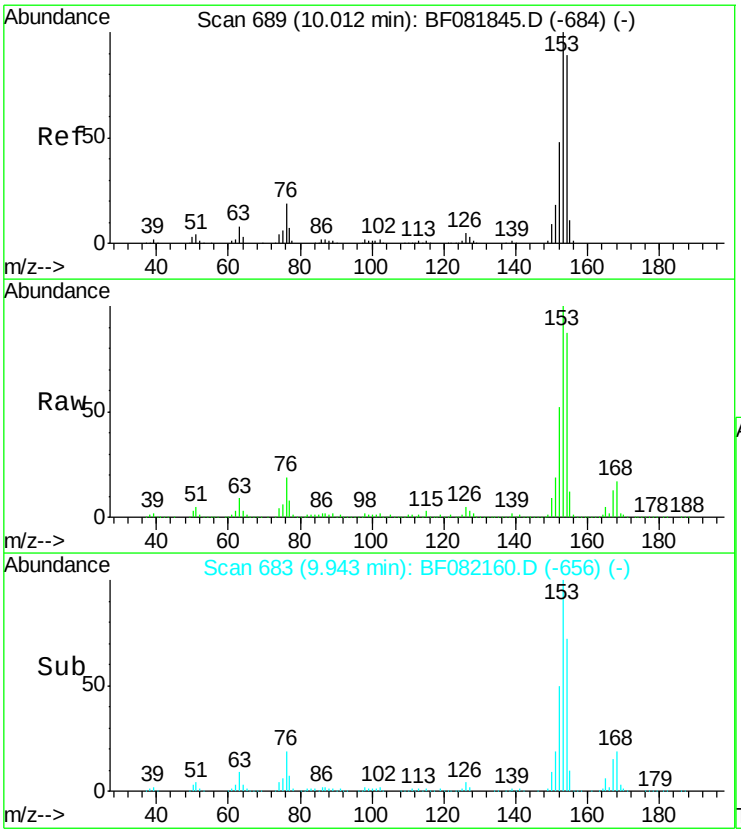

#50
2,6-Dinitrotoluene
Concen: 10.65 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.09 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:165 Resp: 25601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 44.6 | 32.3 | 48.5 |
| 89 | 31.8 | 28.6 | 43.0 |

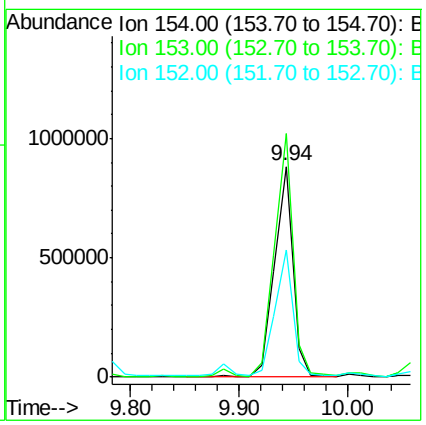


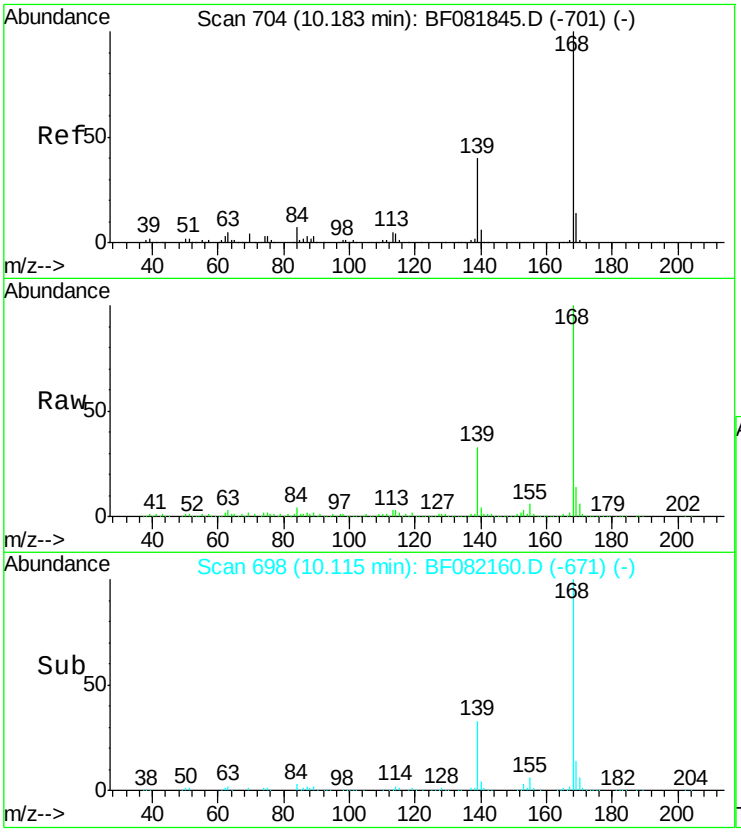




#51
Acenaphthene
Concen: 112.29 ng
RT: 9.94 min Scan# 683
Delta R.T. 0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:154 Resp: 1037289

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.6 | 82.1 | 123.1 |
| 152 | 60.2 | 37.9 | 56.9# |



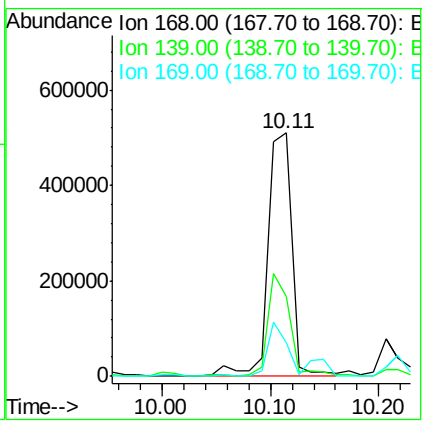


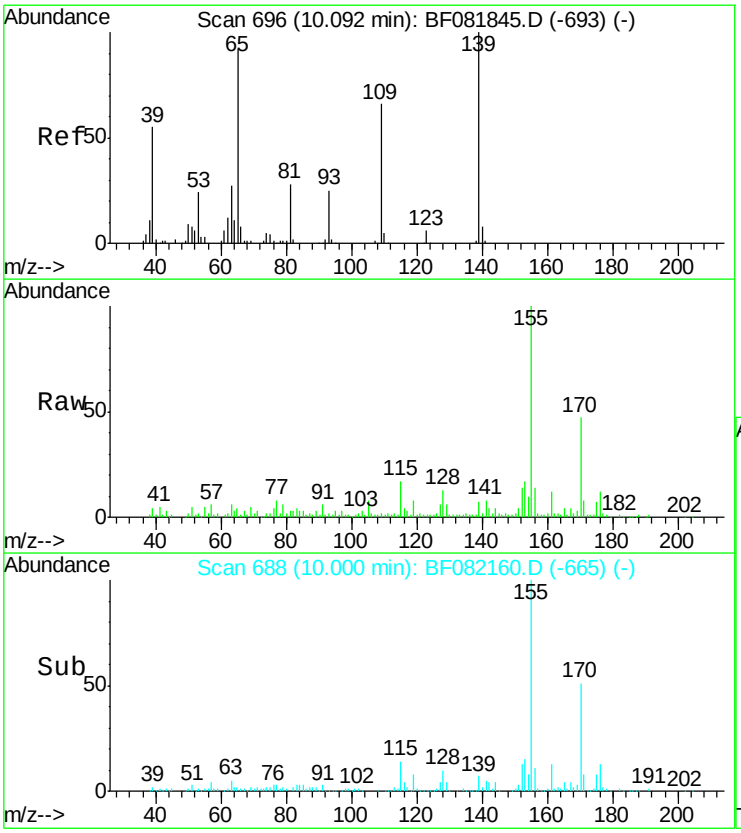

#54
Dibenzofuran
Concen: 58.89 ng
RT: 10.11 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:168 Resp: 768892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 168 | 100 | | |
| 139 | 33.0 | 24.2 | 36.2 |
| 169 | 13.9 | 10.6 | 15.8 |

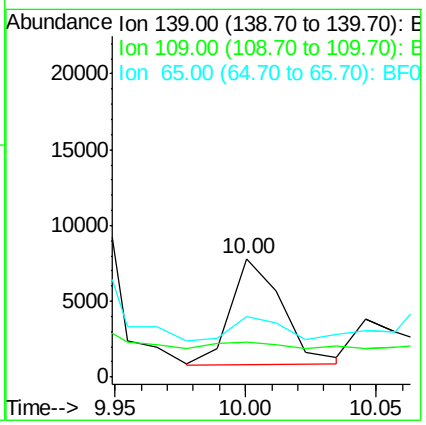


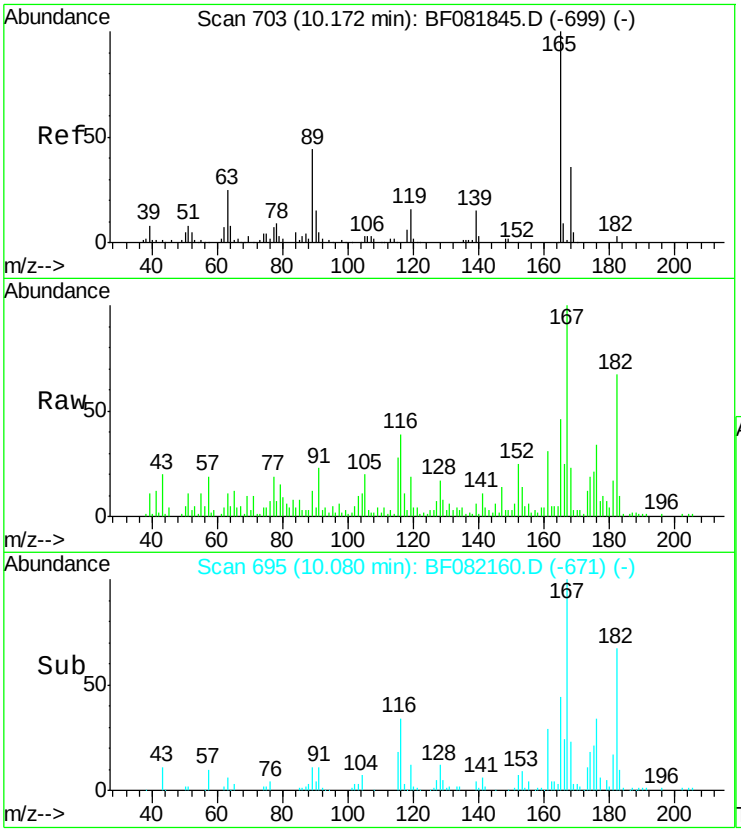




#55
4-Nitrophenol
Concen: 4.85 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:139 Resp: 9751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 29.4 | 12.7 | 52.7 |
| 65 | 50.7 | 45.9 | 85.9 |



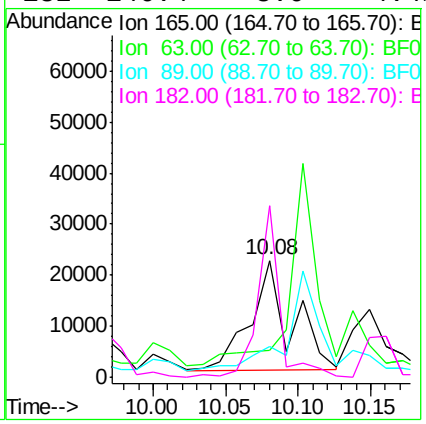


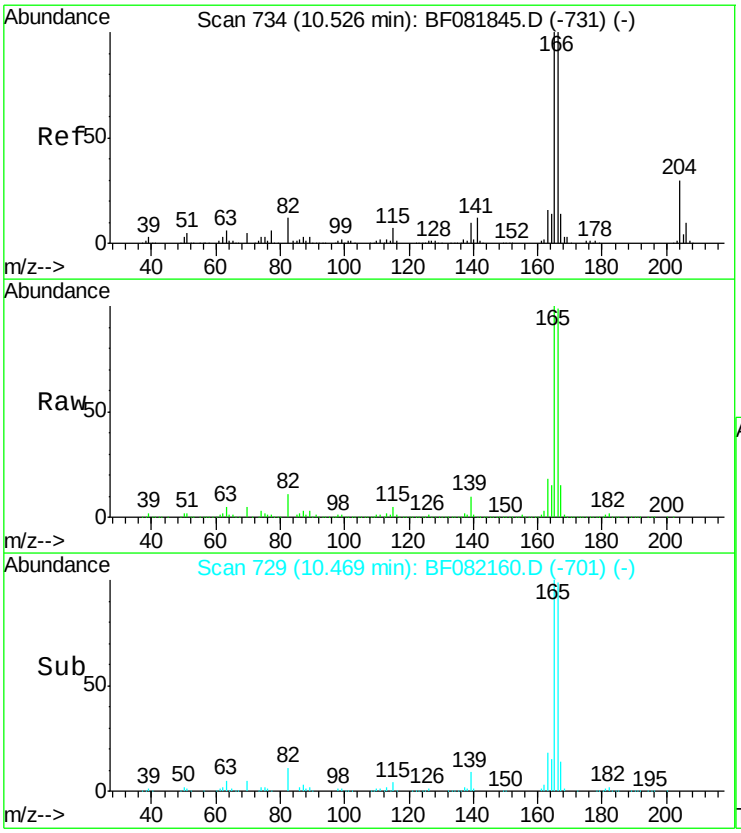

#56
2,4-Dinitrotoluene
Concen: 13.64 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:165 Resp: 41797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 23.5 | 29.8 | 44.6# |
| 89 | 26.8 | 44.5 | 66.7# |
| 182 | 146.4 | 3.0 | 4.4# |

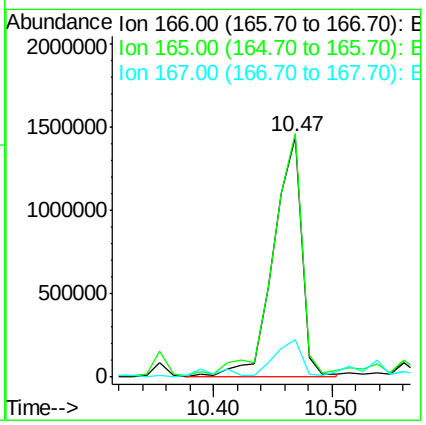


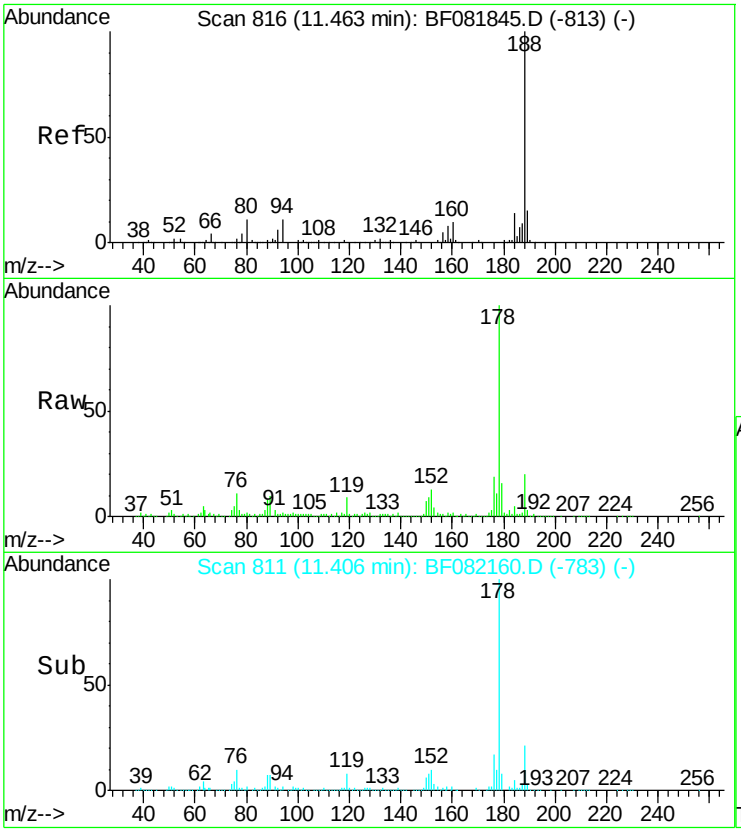




#57
Fluorene
Concen: 261.79 ng
RT: 10.47 min Scan# 729
Delta R.T. 0.02 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:166 Resp: 2348336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 101.5 | 72.6 | 109.0 |
| 167 | 15.4 | 10.6 | 16.0 |



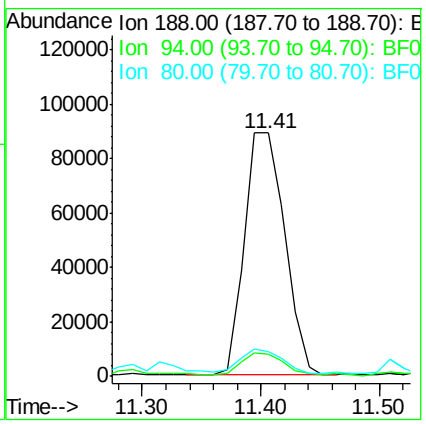


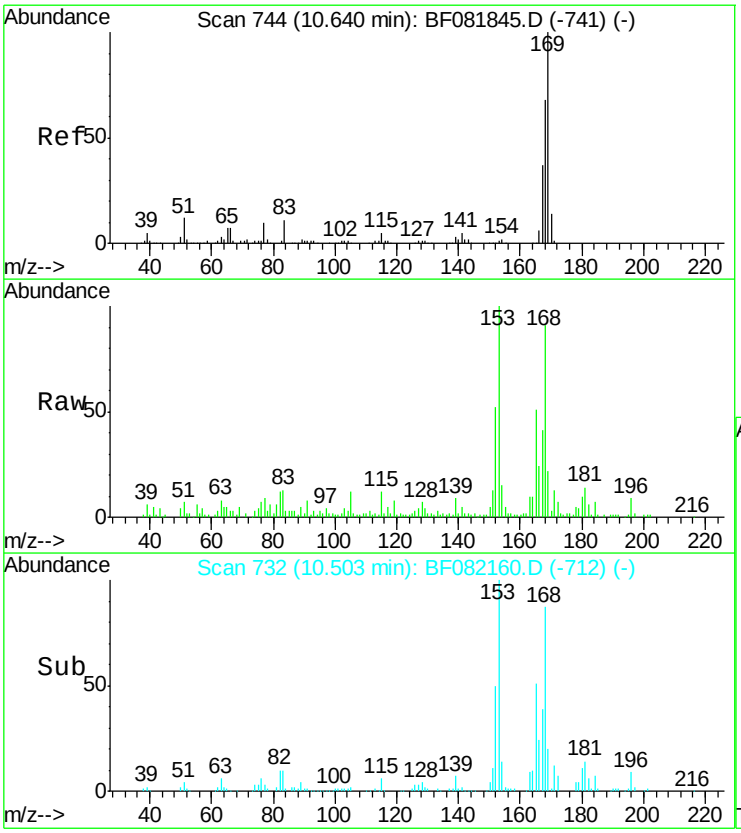

#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 811
Delta R.T. 0.02 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:188 Resp: 211567

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.0 | 11.1 | 16.7# |
| 80 | 10.3 | 11.0 | 16.4# |

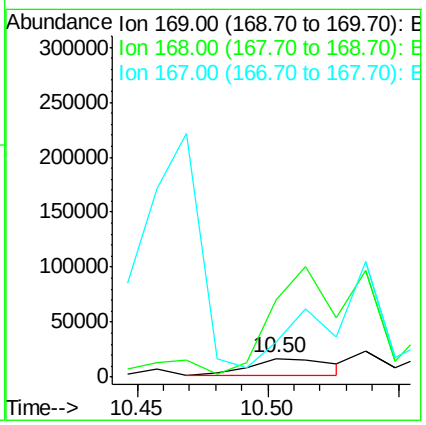


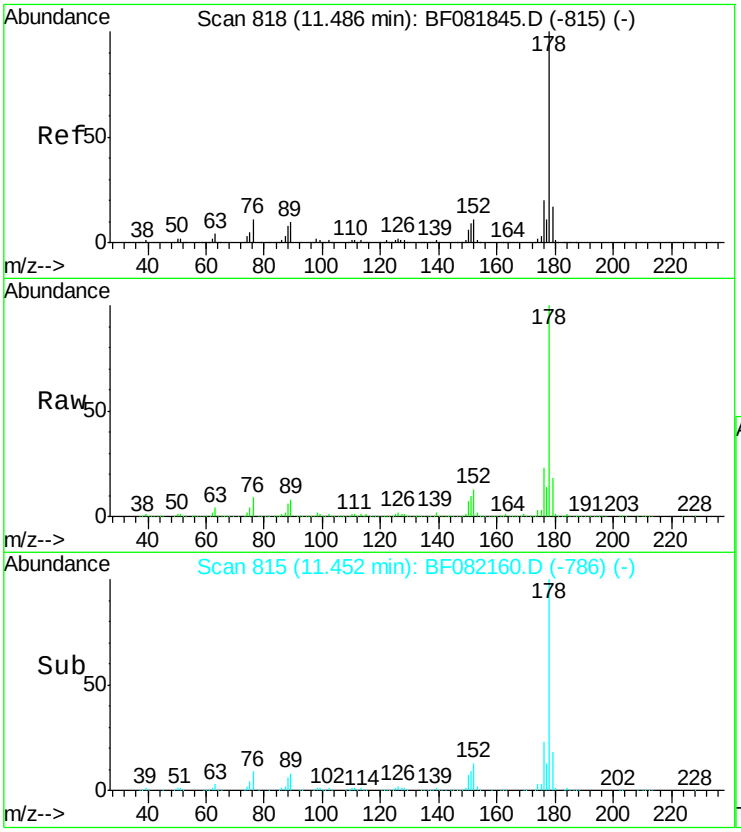




#65
n-Nitrosodiphenylamine
Concen: 4.94 ng
RT: 10.50 min Scan# 732
Delta R.T. -0.07 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:169 Resp: 31634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 413.8 | 48.9 | 73.3# |
| 167 | 186.2 | 26.2 | 39.4# |



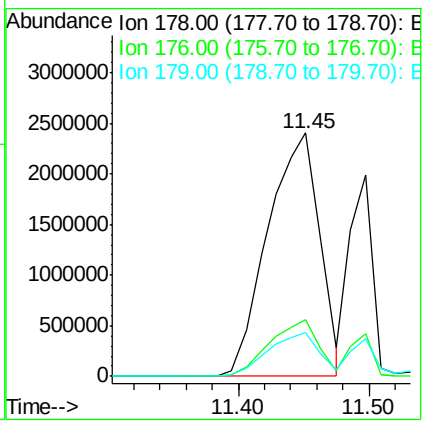


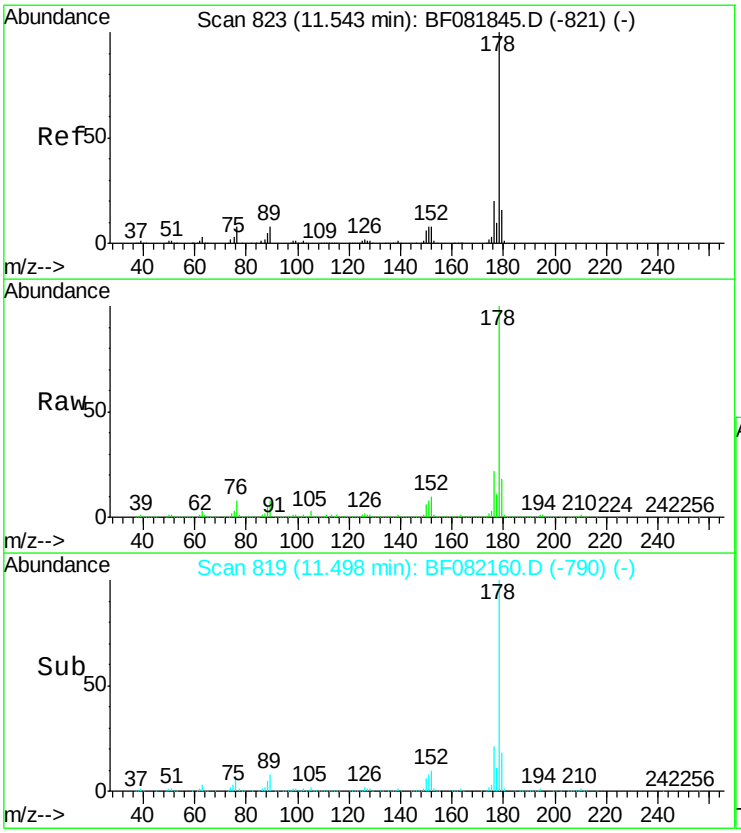

#70
Phenanthrene
Concen: 678.65 ng
RT: 11.45 min Scan# 815
Delta R.T. 0.03 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:178 Resp: 6670851

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 23.3 | 13.8 | 20.8# |
| 179 | 18.3 | 12.2 | 18.2# |

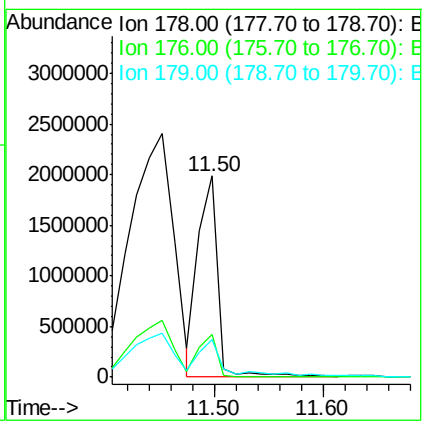


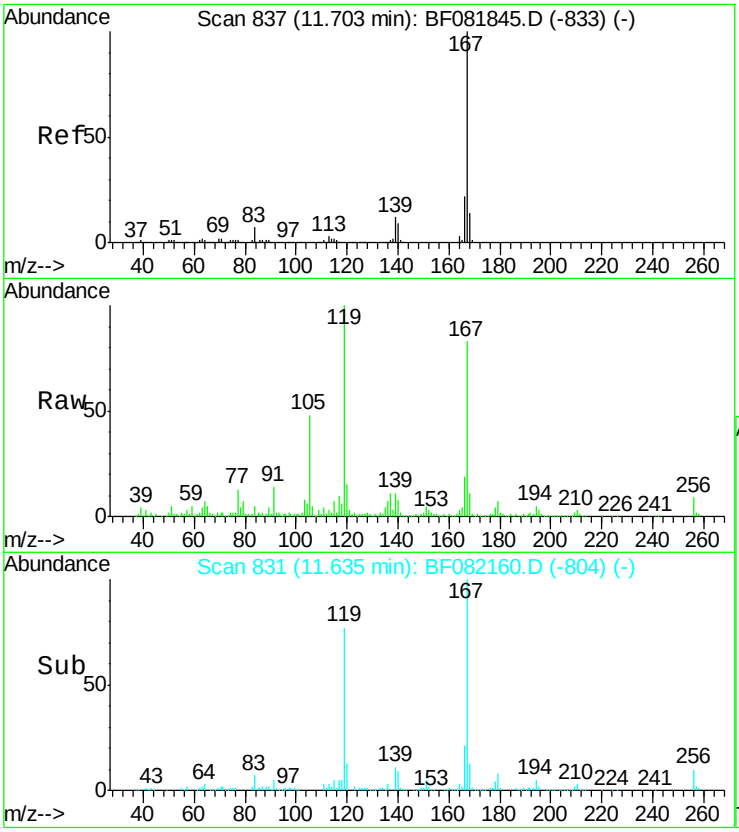




#71
Anthracene
Concen: 230.95 ng
RT: 11.50 min Scan# 819
Delta R.T. 0.03 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:178 Resp: 2483448

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 21.5 | 14.1 | 21.1# |
| 179 | 18.4 | 12.2 | 18.2# |



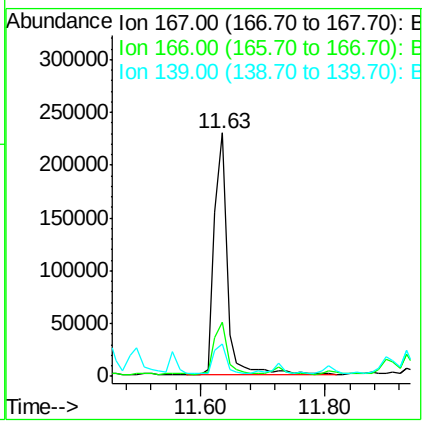


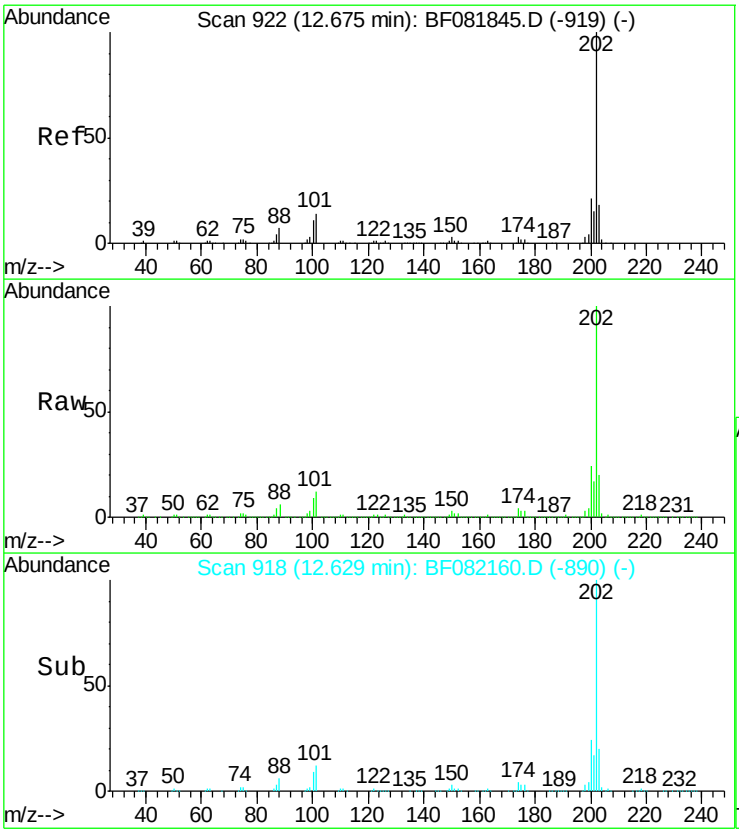

#72
Carbazole
Concen: 33.90 ng
RT: 11.63 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:167 Resp: 329953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 22.3 | 15.7 | 23.5 |
| 139 | 13.1 | 9.5 | 14.3 |

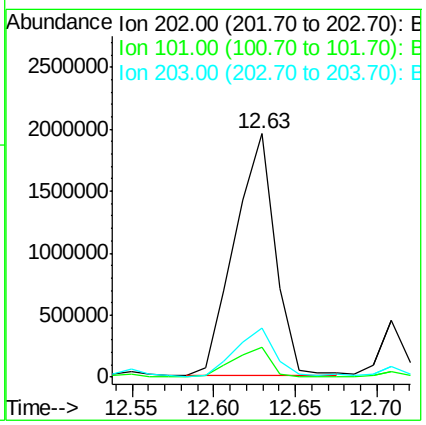


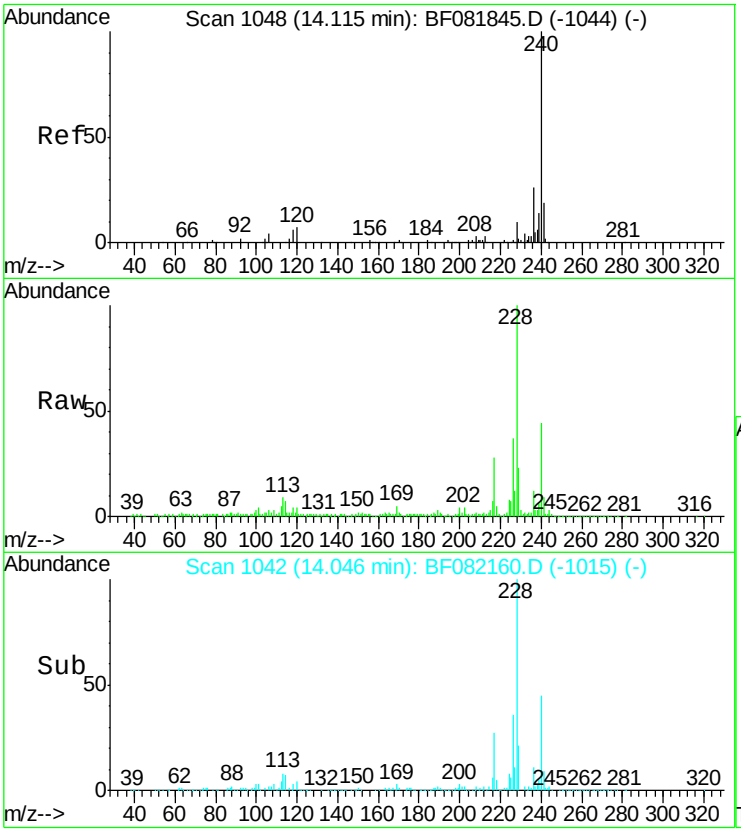




#74
Fluoranthene
Concen: 298.02 ng
RT: 12.63 min Scan# 918
Delta R.T. 0.02 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:202 Resp: 3377610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.0 | 0.0 | 38.3 |
| 203 | 20.0 | 0.0 | 37.3 |



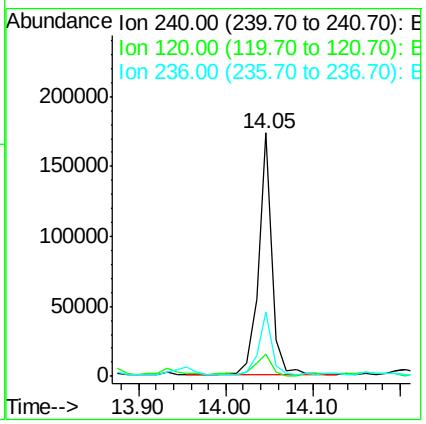


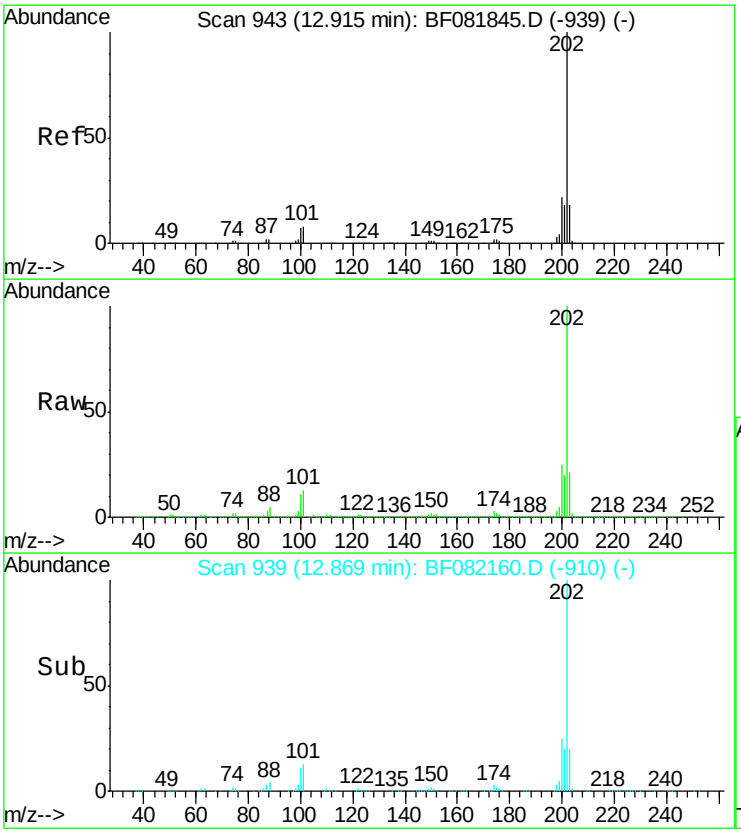

#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:240 Resp: 186841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.1 | 16.2 | 24.2# |
| 236 | 26.3 | 18.4 | 27.6 |

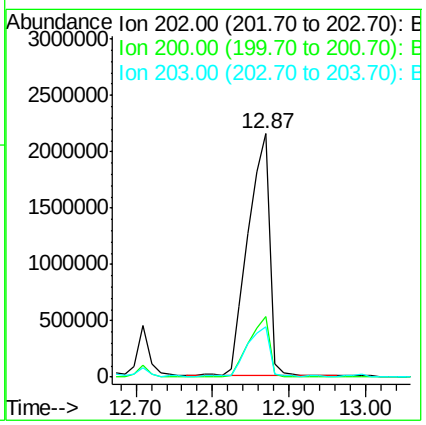


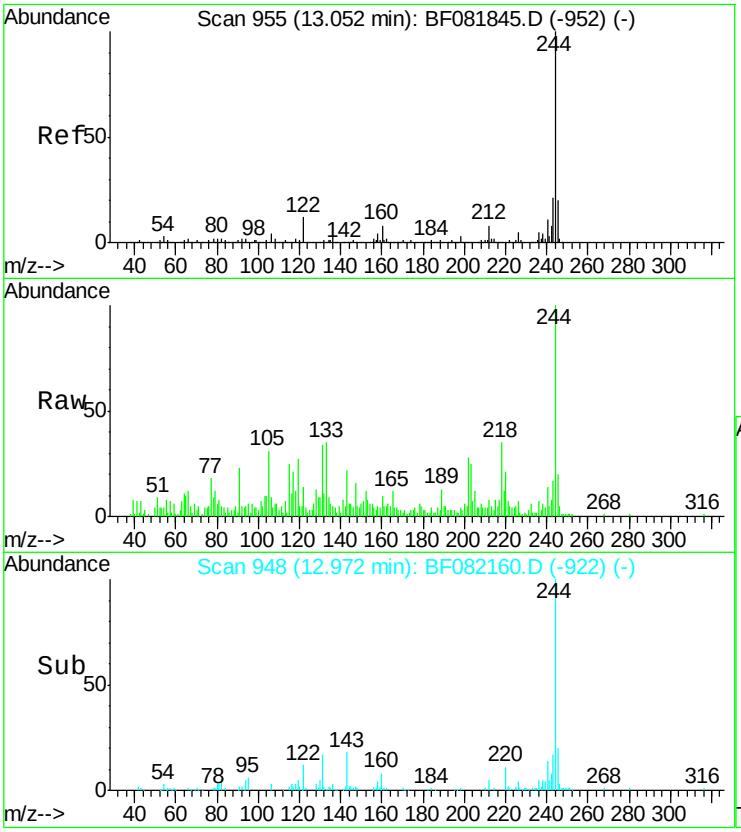




#77
Pyrene
Concen: 375.75 ng
RT: 12.87 min Scan# 939
Delta R.T. 0.03 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:202 Resp: 4194077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 25.0 | 15.0 | 22.4# |
| 203 | 20.5 | 14.1 | 21.1 |



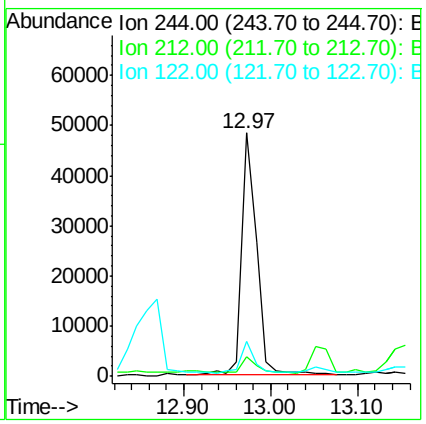


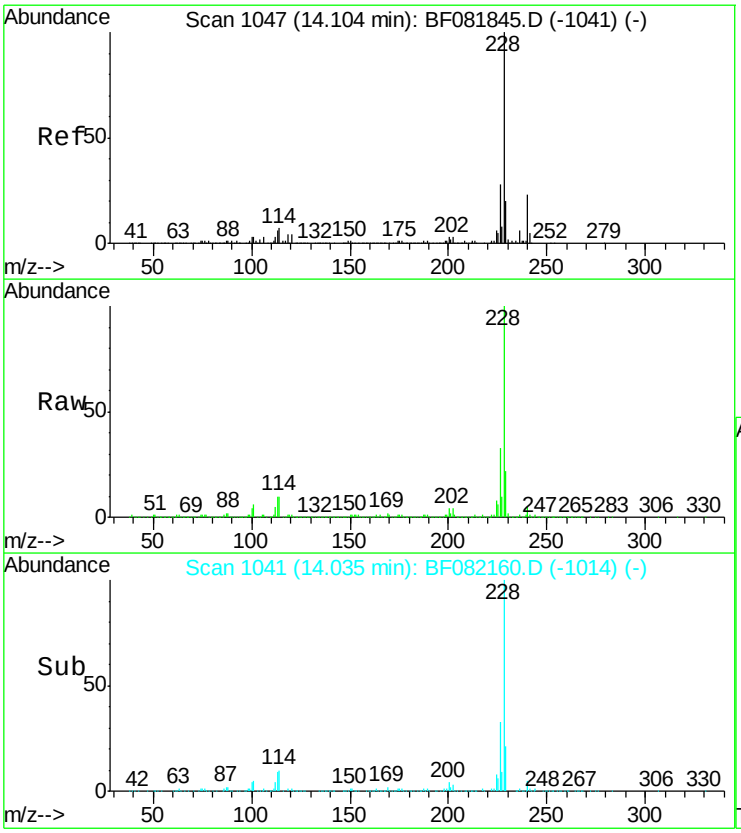

#78
Terphenyl-d14
Concen: 6.28 ng
RT: 12.97 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:244 Resp: 57488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.3 | 4.3 | 6.5# |
| 122 | 14.4 | 17.4 | 26.2# |

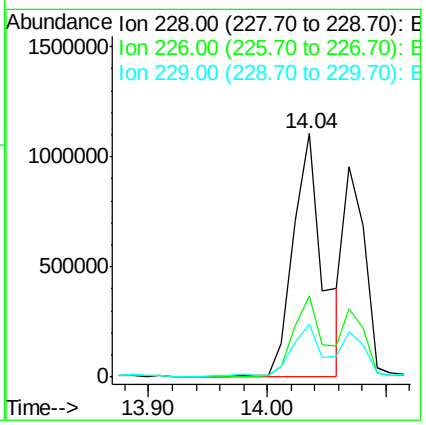


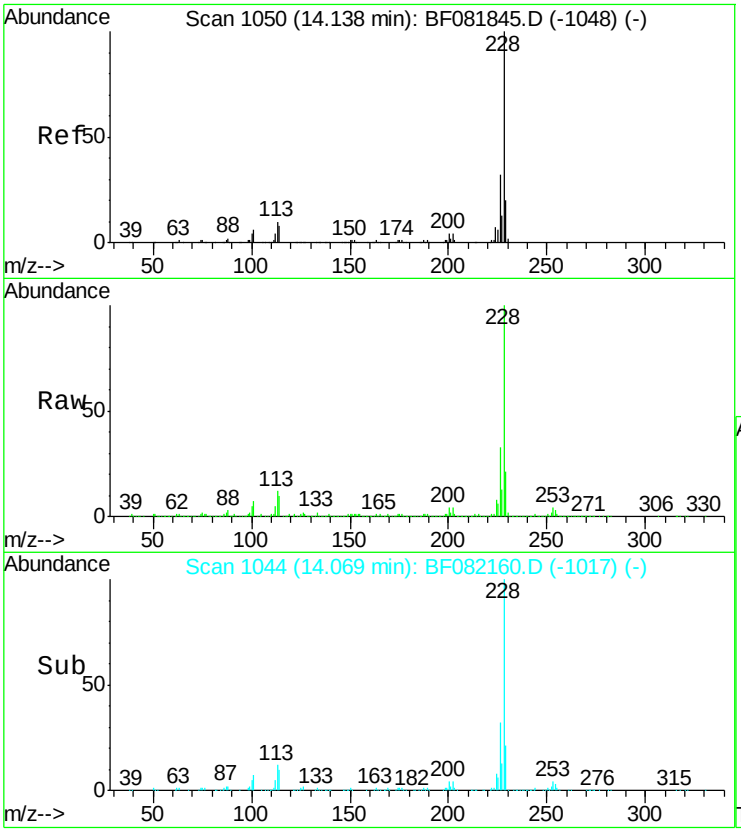




#80
Benzo(a)anthracene
Concen: 188.58 ng
RT: 14.04 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:228 Resp: 1897330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 33.3 | 20.0 | 30.0# |
| 229 | 21.8 | 15.4 | 23.2 |



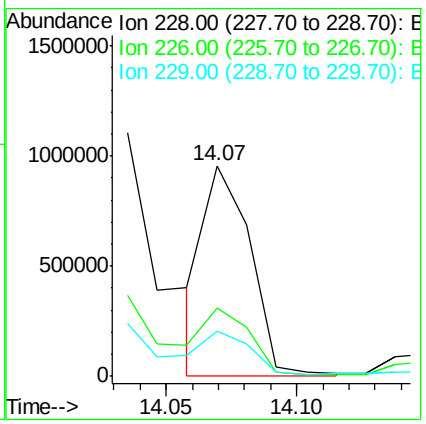


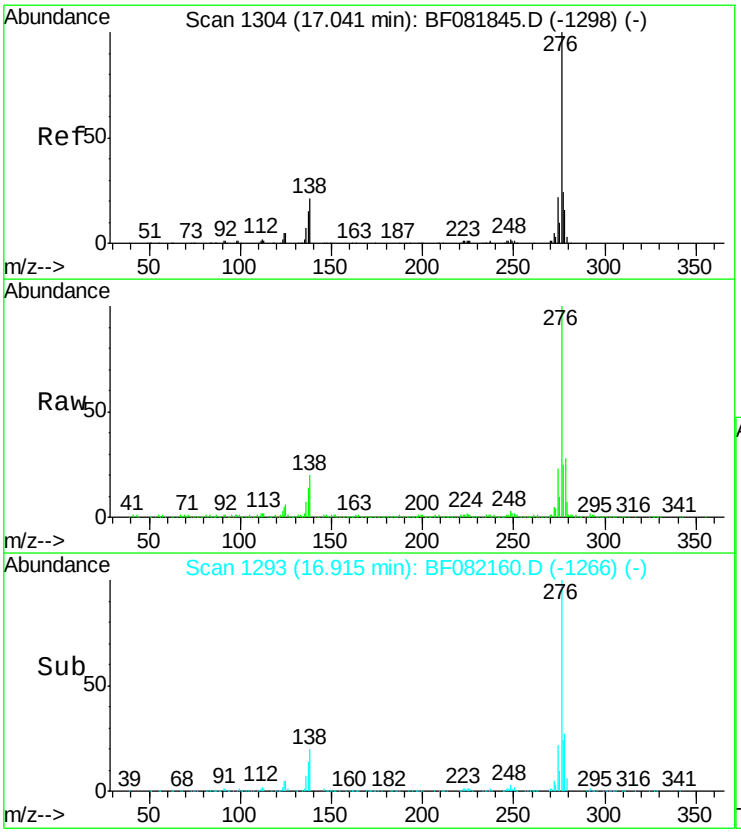

#82
Chrysene
Concen: Below Cal
RT: 14.07 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:228 Resp: 1166522

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.5 | 21.0 | 31.4# |
| 229 | 21.4 | 15.6 | 23.4 |

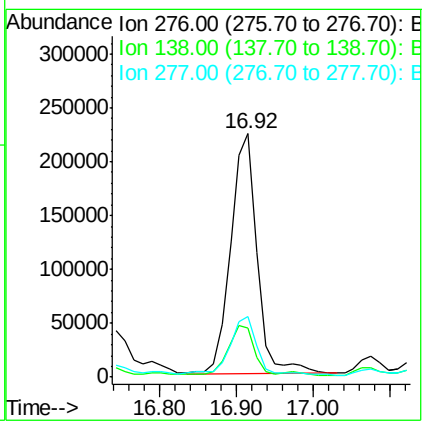


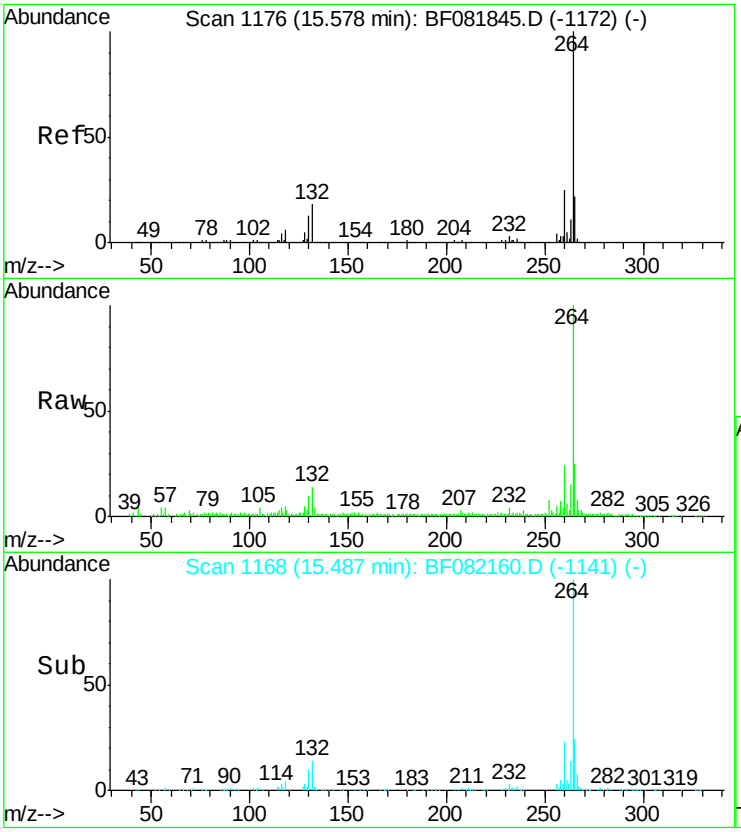




#85
Indeno(1,2,3-cd)pyrene
Concen: 68.40 ng
RT: 16.92 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:276 Resp: 538326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.5 | 25.7 | 38.5# |
| 277 | 23.0 | 15.6 | 23.4 |



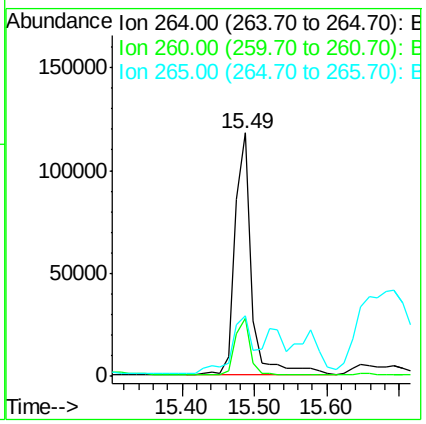


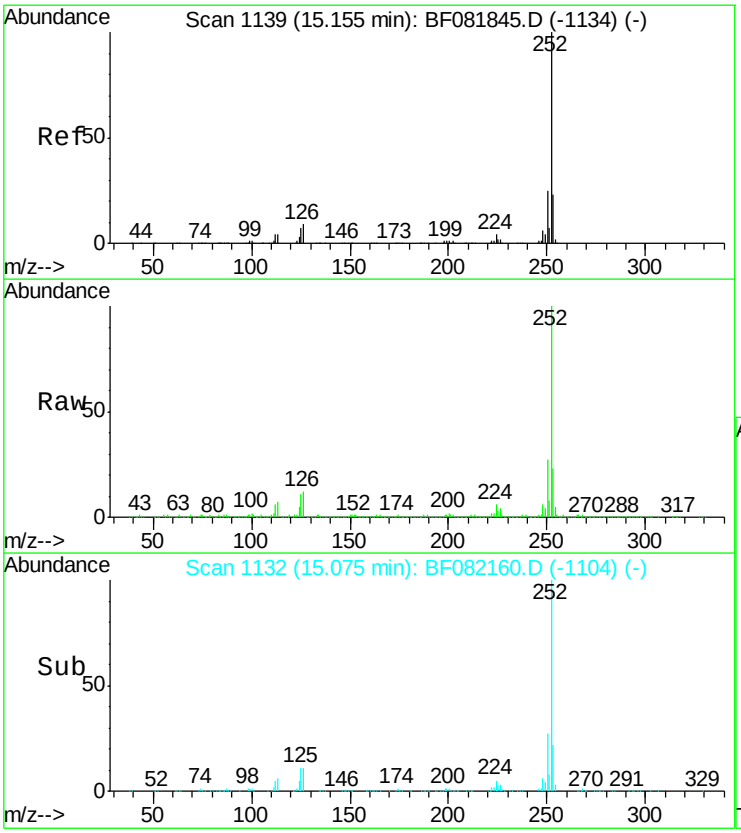

#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:264 Resp: 186700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 16.7 | 25.1 |
| 265 | 24.7 | 17.2 | 25.8 |

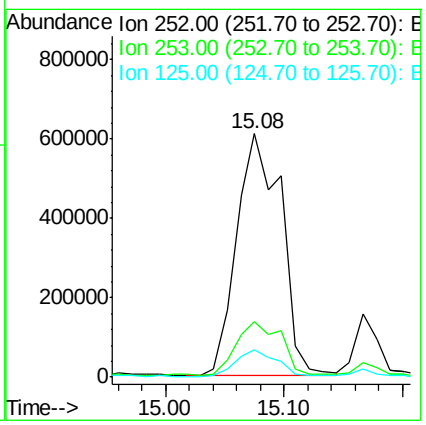


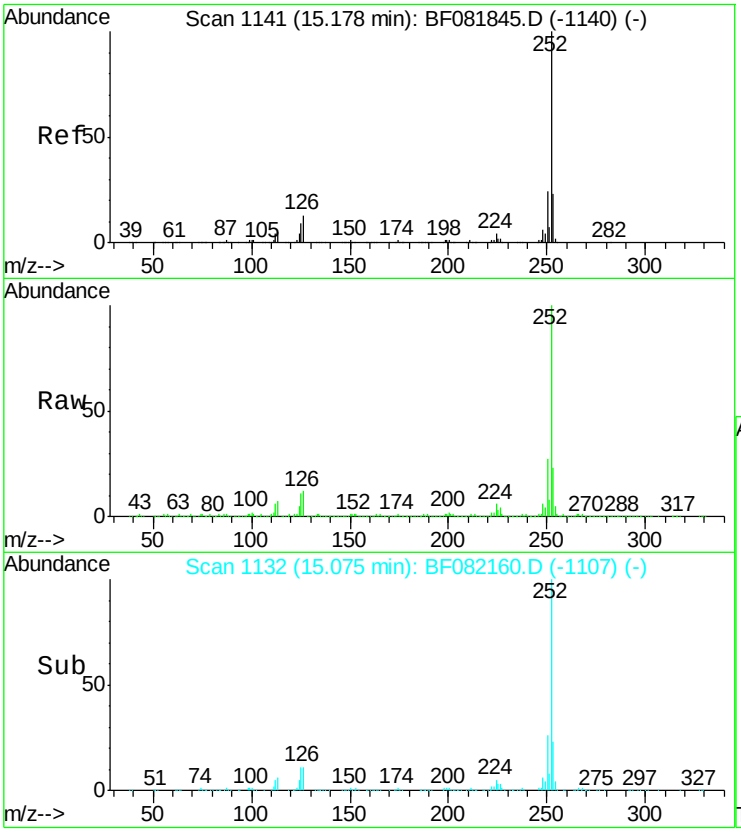




#87
Benzo(b)fluoranthene
Concen: 149.97 ng
RT: 15.08 min Scan# 1132
Delta R.T. 0.02 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:252 Resp: 1598596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 17.5 | 26.3 |
| 125 | 11.0 | 17.1 | 25.7# |



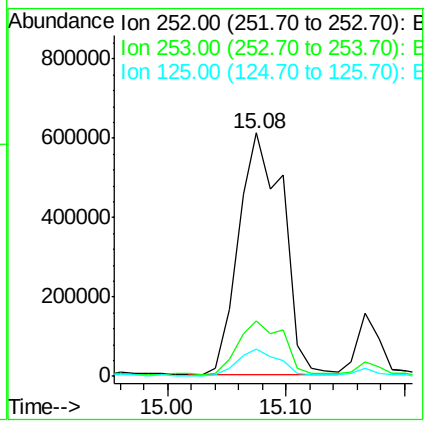


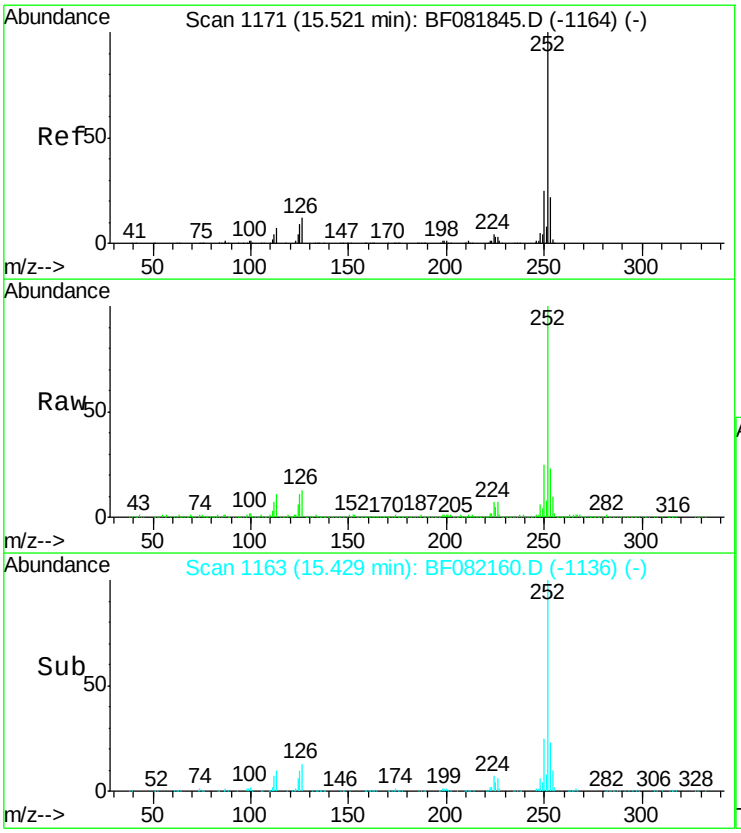

#88
Benzo(k)fluoranthene
Concen: 163.63 ng
RT: 15.08 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:252 Resp: 1598596

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 17.0 | 25.4 |
| 125 | 11.0 | 16.0 | 24.0# |

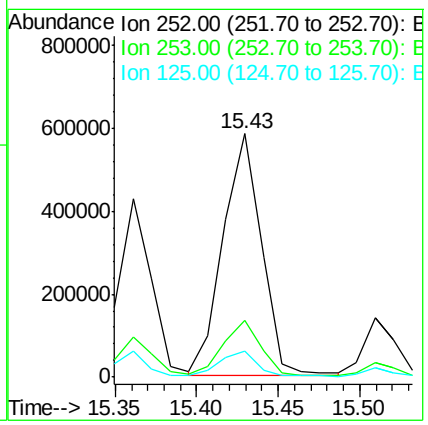


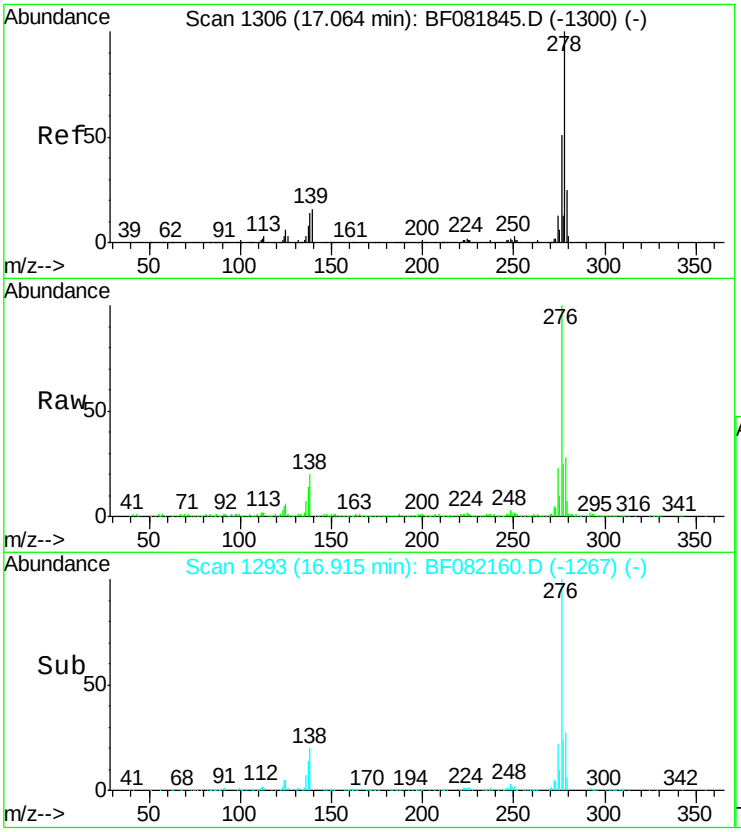




#89
Benzo(a)pyrene
Concen: 103.15 ng
RT: 15.43 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:252 Resp: 953705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 17.2 | 25.8 |
| 125 | 10.7 | 18.0 | 27.0# |



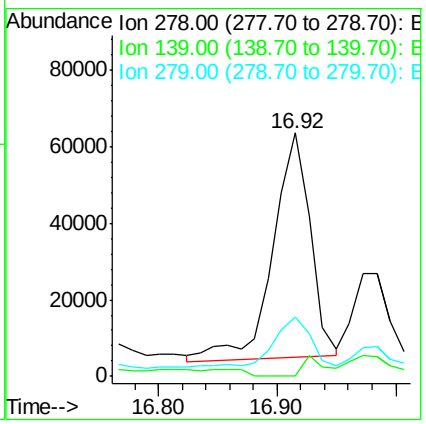


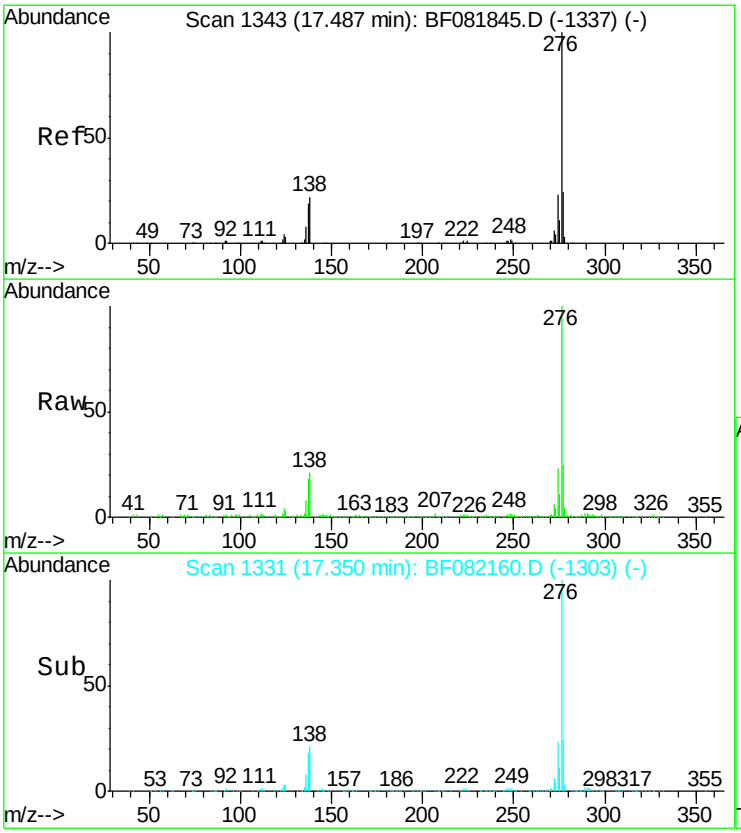

#90
Dibenzo(a,h)anthracene
Concen: 16.58 ng
RT: 16.92 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:278 Resp: 128607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 0.0 | 26.3 | 39.5# |
| 279 | 24.5 | 18.2 | 27.4 |




#91
Benzo(g,h,i)perylene
Concen: 62.78 ng
RT: 17.35 min Scan# 1331
Delta R.T. 0.02 min
Lab File: BF082160.D
Acq: 9 Oct 2015 22:46

Tgt Ion:276 Resp: 499075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.8 | 17.8 | 26.6 |
| 138 | 21.0 | 34.6 | 51.8# |